

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2016 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2016 or fiscal plan year beginning <u>01/01/2016</u> and ending <u>12/31/2016</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____	
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ☐		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>H. C. STARCK INC. SAVINGS AND RETIREMENT PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>001</u>
		1c	Effective date of plan <u>02/01/2007</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>H.C. STARCK INC.</u> <u>45 INDUSTRIAL PLACE</u> <u>NEWTON, MA 02461</u>	2b	Employer Identification Number (EIN) <u>04-2582014</u>
		2c	Plan Sponsor's telephone number <u>617-630-5800</u>
		2d	Business code (see instructions) <u>331400</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/16/2017	KRISTEN GASSER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 651
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year..... a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	 6a(1) 465 6a(2) 445 6b 13 6c 176 6d 634 6e 0 6f 634 6g 632 6h 13
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2T b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2016 Form M-1 annual report. If the plan was not required to file the 2016 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning **01/01/2016** and ending **12/31/2016**

A Name of plan H. C. STARCK INC. SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 H.C. STARCK INC.	D Employer Identification Number (EIN) 04-2582014

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation THE VANGUARD GROUP, INC.
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23-1945930

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

THE VANGUARD GROUP, INC.

23-1945930

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 16 25 26 37 52	NONE	104612	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
THE VANGUARD GROUP, INC.	99	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
COLUMBIA THREADNEEDLE INVESTMENTS 41-1861053	10 BPS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
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(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>H. C. STARCK INC. SAVINGS AND RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>H.C. STARCK INC.</u>	D Employer Identification Number (EIN) <u>04-2582014</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VANGUARD RET SAVINGS TRUST III</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>23-2186884-024</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>15827659</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VANGUARD RETIREMENT SAVINGS TRUST</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>23-2186884-022</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning <u>01/01/2016</u> and ending <u>12/31/2016</u>		
A Name of plan <u>H. C. STARCK INC. SAVINGS AND RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>H.C. STARCK INC.</u>	D Employer Identification Number (EIN) <u>04-2582014</u>	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)	1402877	1295447
(9) Value of interest in common/collective trusts	1c(9)	15874339	15827659
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	84611428	91723063
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	101888644	108846169

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	101888644	108846169
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	3416465	
(B) Participants	2a(1)(B)	2438649	
(C) Others (including rollovers)	2a(1)(C)	409847	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		6264961
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	56431	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		56431
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	2634540	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		2634540
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		40399
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		4842225
c Other income.....	2c		273
d Total income. Add all income amounts in column (b) and enter total.....	2d		13838829

Expenses**e** Benefit payment and payments to provide benefits:

(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6776824	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		6776824
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		1638
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)		
(4) Other	2i(4)	102842	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		102842
j Total expenses. Add all expense amounts in column (b) and enter total	2j		6881304

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		6957525
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☒ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☐ Yes ☒ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: BDO USA, LLP

(2) EIN: 13-5381590

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			
o Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If "Yes," enter the amount of any plan assets that reverted to the employer this year. ☐ Yes ☒ No **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year (See instructions.)

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>H. C. STARCK INC. SAVINGS AND RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>H.C. STARCK INC.</u>	D Employer Identification Number (EIN) <u>04-2582014</u>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>23-2186884</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☐ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☐ No
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Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2016
v. 160205

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:		
	a The current year	14a	
	b The plan year immediately preceding the current plan year	14b	
	c The second preceding plan year	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year	15a	
	b The corresponding number for the second preceding plan year	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment	☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c)	
	a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%	
	b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more	
	c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____	

Part VII	IRS Compliance Questions
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20a Is the plan a 401(k) plan? If "No," skip b	☐ Yes ☐ No
20b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
21a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
21b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No
22a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter / / and the serial number .	
22b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter / / .	



H. C. Starck, Inc. Savings and Retirement Plan

Financial Statements and Supplemental
Schedule

Years Ended December 31, 2016 and 2015

H. C. Starck, Inc. Savings and Retirement Plan

Financial Statements and Supplemental Schedule
Years Ended December 31, 2016 and 2015

H. C. Starck, Inc. Savings and Retirement Plan

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Supplemental Schedule

Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2016	17
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Independent Auditor's Report

To the Participants and Plan Administrator
H. C. Starck, Inc. Savings and Retirement Plan
Newton, Massachusetts

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the H. C. Starck, Inc. Savings and Retirement Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2016 and 2015, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the *Basis for Disclaimer of Opinion* paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 4, which was certified by Vanguard Fiduciary Trust Company, the trustee of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of and for the years ended December 31, 2016 and 2015, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter – Supplemental Schedule

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2016 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we do not express an opinion on this supplemental schedule.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

BDO USA, LLP

Cleveland, Ohio
October 16, 2017

Financial Statements

H.C. Starck, Inc. Savings and Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2016	2015
Assets		
Investments, at fair value:		
Registered investment companies	\$ 91,723,063	\$ 84,611,428
Common collective trust	15,827,659	15,599,529
Total Investments	107,550,722	100,210,957
Receivables:		
Employer contributions	136,423	-
Participant contributions	88,793	-
Notes receivable from participants	1,314,489	1,437,212
Total Receivables	1,539,705	1,437,212
Net Assets Available for Benefits	\$ 109,090,427	\$ 101,648,169

*See accompanying independent auditor's report
and notes to financial statements.*

H.C. Starck, Inc. Savings and Retirement Plan

Statements of Changes in Net Assets Available for Benefits

<i>Year Ended December 31,</i>	2016	2015
Additions to Net Assets:		
Investment income:		
Net appreciation in fair value of investments	\$ 4,842,226	\$ -
Interest and dividend income	2,950,022	3,537,877
Interest income on notes receivable from participants	56,431	61,527
Total investment income	7,848,679	3,599,404
Contributions:		
Employer	3,552,888	3,395,936
Participants	2,527,441	2,547,254
Rollovers	409,847	144,595
Total contributions	6,490,176	6,087,785
Total Additions to Net Assets	14,338,855	9,687,189
Deductions From Net Assets:		
Net depreciation in fair value of investments	-	3,631,101
Benefits paid to participants	6,793,755	6,261,129
Administrative expenses	102,842	47,824
Total Deductions from Net Assets	6,896,597	9,940,054
Net increase (decrease)	7,442,258	(252,865)
Net assets available for benefits, beginning of year	101,648,169	101,901,034
Net assets available for benefits, end of year	\$ 109,090,427	\$ 101,648,169

See accompanying independent auditor's report
and notes to financial statements.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

1. Plan Description

The following description of the H.C. Starck Inc. (Company or Employer) Savings and Retirement Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan is a participant-directed defined contribution plan established effective February 1, 2007. The Plan covers all eligible employees of the Company (as defined). The Plan is subject to the provisions of the Internal Revenue Code (IRC) and the Employee Retirement Income Security Act of 1974 (ERISA).

The Company established the Plan in connection with the sale of the Company by Bayer Corporation. Assets attributable to account balances of eligible employees who were previously participants in the Bayer Corporation Savings and Retirement Plan were transferred to and became eligible to participate in the Plan on March 12, 2007.

Eligibility

Employees are eligible to become participants in the Plan on their date of hire.

Participant Accounts

Each participant's account is credited with the participant's contributions and earnings thereon and an allocation of (a) the Company matching contribution, (b) the Company retirement contribution, and (c) Plan earnings. Allocations of earnings are based on participant account balances. The benefit to which a Plan participant is entitled is the amount that can be provided from the participant's vested balance.

Employer Contributions

The Company will make both matching contributions and retirement contributions on behalf of participants. Effective January 1, 2013, the Plan was amended in order to add safe harbor provisions for the employer matching contribution. For periods on and after January 1, 2013, the Company will make a safe harbor matching contribution equal to 100% of the first 3% of a participant's deferral and 50% of the next 2% of a participant's deferral for a total matching contribution of 4% of compensation on a 5% deferral. Matching contributions are allocated to participant accounts among the investment funds available in the same proportion as elected by the participants.

The Company will also make a retirement contribution equal to 5% of compensation on behalf of all eligible employees. In addition, any eligible employee employed on December 31, 2005 who participated in the Bayer Corporation Pension Plan or the H.C. Starck Retirement Plan - CSM and whose age and service equaled or exceeded 36 years, will receive an additional retirement contribution (as defined).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Participant Contributions

Employees who elect to participate may make pre-tax deferral contributions to the Plan of up to 30% of their Plan compensation (as defined), subject to the maximum allowable by law. Participants whose employee pre-tax contributions are limited by statutory requirements may make additional catch-up contributions starting in the calendar year during which they reach the age of 50. Participants may also contribute amounts representing distributions from other qualified defined retirement savings plans, termed "rollover contributions."

Vesting

Participants are 100% vested in their voluntary deferral contributions, the Company matching contributions and actual earnings thereon. Company retirement contributions and earnings thereon become vested after three years of service.

Notes Receivable from Participants

Participants are eligible to take out loans against amounts accumulated in the Plan on their behalf, subject to limitations as provided in the Plan. The Plan limits loans to a maximum of \$50,000 minus the difference, if any, between the participant's highest loan balance during the previous one-year period preceding the date the new loan is to be made and the participant's outstanding loan balance the day before receiving the new loan; or, fifty percent of the participant's vested account balance, whichever is less. As of January 1, 2010, participants can only have one loan outstanding under the Plan at any time. However, any participant who had up to three loans outstanding as of December 31, 2009 may continue to pay back said loans as regularly scheduled. The loans are repayable over a five-year period, unless used to acquire a principal residence, and bear interest at rates which are commensurate with local market rates. Interest rates range from 4.25% to 6.25% on loans outstanding at December 31, 2016.

Payment of Benefits

Upon attaining age 59 ½, a participant may elect to withdraw funds from the Plan. In addition, upon existence of substantial hardship, withdrawals are available to Plan participants. Upon termination of service, death, or total and permanent disability, a participant may elect to receive a lump-sum amount equal to the value of his or her account, or annual installments over a specified period. With respect to distributions, if the vested balance is greater than \$1,000 and less than \$5,000 and the participant does not make an election to either receive or to rollover the distribution, the distribution must be rolled over to an IRA. If the vested balance is \$1,000 or less, the form of distribution remains as a single lump sum payment. Participants over the age of 70 ½, who are still employees of the Company, can elect to defer their required minimum distribution benefit payments until retirement. However, upon actual retirement or in the event that the participant is a 5% owner and has reached the age of 70 ½, required minimum benefit payments must begin (as defined).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Forfeitures

Forfeitures of Company retirement contributions are used to reduce future Company contributions. At December 31, 2016 and 2015, forfeited non-vested accounts totaled \$53,640 and \$68,718, respectively. During 2016 and 2015, forfeited non-vested amounts of \$0 and \$222,009, respectively, were used to reduce Company contributions.

2. Summary of Significant Accounting Policies

Basis of Accounting

The Plan's financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's valuation methodology used to measure the fair value of the Vanguard Retirement Savings Trust fund is derived from the net asset value (NAV) of units held by the Plan at December 31, 2016 and 2015. The NAV, as provided by the trustee, is used as the practical expedient to estimate fair value and is based on the fair value of the underlying investments held by the fund less liabilities. See Note 3 for discussion of fair value measurements.

The Plan presents in the Statements of Changes in Net Assets Available for Benefits the net appreciation (depreciation) in the fair value of its investments, which consists of the realized gains or losses and the unrealized appreciation or depreciation on those investments.

Investment transactions are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends, including capital gain distributions, are recorded on the ex-dividend date.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent participant loans are reclassified as distributions based upon the terms of the Plan document.

Benefit Payments

Benefit payments to participants are recorded when paid.

Administrative Expenses

The majority of expenses incurred in the administration of the Plan are charged to and paid by the Company, except for per participant account maintenance fees, which are deducted from the individual participant accounts, and fees related to participant loans, which are paid by the individual accounts of the participants utilizing the loan feature.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent liabilities and the reported amounts of additions to and deductions from net assets during the reporting period. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate and market fluctuations. Due to the level of risk associated with certain investment securities, as well as the level of uncertainty related to changes in the value of the investment securities, it is at least reasonably possible that changes in the values of investment securities in the near term would materially affect participants' account balances and the amounts reported in the financial statements.

Evaluation of Subsequent Events

The Company has evaluated subsequent events through October 16, 2017, which is the date the financial statements were available to be issued, and has determined that there were no subsequent events that have occurred through that date that have not already been reflected in the financial statements and/or disclosed in the notes.

3. Fair Value Measurements

Fair Value Measurements and Disclosures defines fair value and provides guidance for measuring fair value and expands disclosures about fair value measurements in accordance with accounting principles generally accepted in the United States of America. *Fair Value Measurements and Disclosures* does not require any new fair value measurements, but rather applies to all other accounting pronouncements that require or permit fair value measurements.

Fair Value Measurements and Disclosures establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobserved inputs (Level 3 measurements).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The three levels of the fair value hierarchy are described below:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2: Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurements.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2016 and 2015.

Registered investment companies - Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Common collective trust – Valued at the NAV of units of a bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. The use of NAV as fair value is deemed appropriate as the collective trust fund does not have a finite life, unfunded commitments relating to these types of investments, or significant restrictions on redemptions.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2016:

<i>December 31, 2016</i>	Fair Value Measurements at Reporting Date			
	Level 1	Level 2	Level 3	Total
Registered investment companies - Mutual funds	\$ 91,723,063	\$ -	\$ -	\$ 91,723,063
Investments measured at NAV (a)				15,827,659
Total investments	\$ 91,723,063	\$ -	\$ -	\$ 107,550,722

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2015:

<i>December 31, 2015</i>	Fair Value Measurements at Reporting Date			
	Level 1	Level 2	Level 3	Total
Registered investment companies - Mutual funds	\$ 84,611,428	\$ -	\$ -	\$ 84,611,428
Investments measured at NAV (a)				15,599,529
Total investments	\$ 84,611,428	\$ -	\$ -	\$ 100,210,957

(a) In accordance with ASC 820-10, certain investments that were measured at NAV (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in the table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

4. Investments/Notes Receivable from Participants (unaudited)

All investment and notes receivable from participants information disclosed in the accompanying financial statements and supplemental schedule, including investments and notes receivable from participants held at December 31, 2016 and 2015, and the net appreciation (depreciation) in fair value of investments, interest and dividend income, and interest income on notes receivable from participants for the years ended December 31, 2016 and 2015, were obtained or derived from information supplied to the plan administrator and certified as complete and accurate by the trustee, Vanguard Fiduciary Trust Company.

5. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

6. Tax Status

The Plan obtained its latest determination letter on July 28, 2015, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the plan administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC and therefore, believe that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by the tax authorities. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that, as of December 31, 2016 and 2015, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

7. Party-in-Interest Transactions

The Plan invests in shares of registered investment companies and a common collective trust which are managed by affiliates of the Trustee. Transactions in such investments qualify as party-in-interest transactions. Notes receivable from participants also constitute party-in-interest transactions. Fees paid to the Trustee by the Plan amounted to \$102,842 and \$47,824 for the years ended December 31, 2016 and 2015, respectively.

8. Differences between Financial Statements and Forms 5500

Differences exist between the accompanying financial statements and the amounts reported in the 2016 and 2015 Forms 5500. Differences resulted from loans deemed to be in default in 2016 and 2015 and distributed to the participants in that same year. For Form 5500 purposes, defaulted loans are considered a deemed distribution to the participants. For financial statement purposes, the loans are still considered to be assets due to them being secured by the participant's account and also due to the Plan allowing for participants to designate in what investment programs their account balances should be invested. Differences also resulted from the financial statements reporting the value of the Plan's common collective trust fund at contract value whereas the Forms 5500 reported the value of the investment at fair value.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The following is a reconciliation of net assets available for benefits per the financial statements to the Forms 5500:

<i>December 31,</i>	2016	2015
Net assets available for benefits per the financial statements	\$109,090,427	\$101,648,169
Less: Deemed distribution of participant loans	(19,042)	(34,335)
Less: Employer and Participant Contribution Receivable	(225,216)	-
Plus: Adjustment from contract value to fair value for common collective trust	-	274,810
Net assets available for benefits per the Forms 5500	\$108,846,169	\$101,888,644

The following is a reconciliation of total deductions from net assets per the financial statements to the Forms 5500:

<i>Years Ended December 31,</i>	2016	2015
Total deductions from net assets per the financial statements (not including net depreciation)	\$ 6,896,597	\$ 6,308,953
(Less) Plus: Reversal of deemed loans recognized in prior year and offset in the current year	(15,293)	(6,438)
Total deductions from net assets per the Forms 5500	\$ 6,881,304	\$ 6,302,515

The following is a reconciliation of total additions to net assets per the financial statements to the Forms 5500:

<i>Years Ended December 31,</i>	2016	2015
Total additions to net assets per the financial statements (including net depreciation)	\$14,338,855	\$6,056,088
(Less) Plus: Employer and Participant Contribution Receivable	(225,216)	-
(Less) Plus: Adjustment from contract value to fair value for common collective trust	(274,810)	(235,084)
Total income (additions to net assets) per the Forms 5500	\$13,838,829	\$ 5,821,004

Supplemental Schedule

H.C. Starck, Inc. Savings and Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 04-2582014

Plan No: 001

December 31, 2016

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor or similar party	Description of investment (including maturity date, rate of interest, collateral, par or maturity value)	Cost	Current Value
	Registered Investment Companies			
*	Vanguard Institutional Index Fund Institutional Shares	Registered Investment Company	**	14,730,908
*	Vanguard Wellington Fund Investor Shares	Registered Investment Company	**	10,513,605
*	Vanguard Total Bond Market Index Fund Investor Shares	Registered Investment Company	**	9,148,163
*	Vanguard Target Retirement 2025 Fund	Registered Investment Company	**	8,076,070
*	Vanguard PRIMECAP Fund Investor Shares	Registered Investment Company	**	7,898,646
*	Vanguard Total International Stock Index Fund	Registered Investment Company	**	5,113,881
*	Vanguard Target Retirement 2035 Fund	Registered Investment Company	**	4,574,664
*	Vanguard Extended Market Index Fund Investor Shares	Registered Investment Company	**	4,160,958
	Columbia Dividend Income Fund; Class R5 Shares	Registered Investment Company	**	3,935,132
*	Vanguard Explorer Fund Investor Shares	Registered Investment Company	**	3,634,294
*	Vanguard Target Retirement 2020 Fund	Registered Investment Company	**	3,282,849
*	Vanguard Target Retirement 2045 Fund	Registered Investment Company	**	2,597,058
*	Vanguard International Growth Fund Investor Shares	Registered Investment Company	**	2,570,382
*	Vanguard Target Retirement 2015 Fund	Registered Investment Company	**	2,546,955
*	Vanguard Target Retirement 2030 Fund	Registered Investment Company	**	1,946,952
*	Vanguard Target Retirement 2040 Fund	Registered Investment Company	**	1,286,664
*	Vanguard Inflation-Protected Securities Fund: Inv Shares	Registered Investment Company	**	1,269,007
	Victory Sycamore Small Company Opportunity Fund Class I	Registered Investment Company	**	1,017,439
	First Eagle Global Fund; Class I	Registered Investment Company	**	838,441
*	Vanguard Target Retirement 2010 Fund	Registered Investment Company	**	647,455
*	Vanguard International Value Fund	Registered Investment Company	**	614,445
*	Vanguard Target Retirement 2050 Fund	Registered Investment Company	**	563,659
*	Vanguard Target Retirement Income	Registered Investment Company	**	435,457
*	Vanguard Target Retirement 2055 Fund	Registered Investment Company	**	215,264
*	Vanguard Prime Money Market Fund	Registered Investment Company	**	87,743
*	Vanguard Target Retirement 2060 Fund	Registered Investment Company	**	16,972
	Total Registered Investment Companies			91,723,063
	Common Collective Trust			
*	Vanguard Retirement Savings Trust	Common Collective Trust	**	15,827,659
*	Participant Loans	4.25% to 6.25%		1,295,447
	Total Assets			\$ 108,846,169

* Indicates party-in-interest to the Plan

** Cost is not required to be disclosed for participant-directed investments.



H. C. Starck, Inc. Savings and Retirement Plan

Financial Statements and Supplemental
Schedule

Years Ended December 31, 2016 and 2015

H. C. Starck, Inc. Savings and Retirement Plan

Financial Statements and Supplemental Schedule
Years Ended December 31, 2016 and 2015

H. C. Starck, Inc. Savings and Retirement Plan

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Independent Auditor's Report

To the Participants and Plan Administrator
H. C. Starck, Inc. Savings and Retirement Plan
Newton, Massachusetts

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the H. C. Starck, Inc. Savings and Retirement Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2016 and 2015, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the *Basis for Disclaimer of Opinion* paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 4, which was certified by Vanguard Fiduciary Trust Company, the trustee of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of and for the years ended December 31, 2016 and 2015, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter – Supplemental Schedule

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2016 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we do not express an opinion on this supplemental schedule.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

BDO USA, LLP

Cleveland, Ohio
October 16, 2017

Financial Statements

H.C. Starck, Inc. Savings and Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2016	2015
Assets		
Investments, at fair value:		
Registered investment companies	\$ 91,723,063	\$ 84,611,428
Common collective trust	15,827,659	15,599,529
Total Investments	107,550,722	100,210,957
Receivables:		
Employer contributions	136,423	-
Participant contributions	88,793	-
Notes receivable from participants	1,314,489	1,437,212
Total Receivables	1,539,705	1,437,212
Net Assets Available for Benefits	\$ 109,090,427	\$ 101,648,169

*See accompanying independent auditor's report
and notes to financial statements.*

H.C. Starck, Inc. Savings and Retirement Plan

Statements of Changes in Net Assets Available for Benefits

<i>Year Ended December 31,</i>	2016	2015
Additions to Net Assets:		
Investment income:		
Net appreciation in fair value of investments	\$ 4,842,226	\$ -
Interest and dividend income	2,950,022	3,537,877
Interest income on notes receivable from participants	56,431	61,527
Total investment income	7,848,679	3,599,404
Contributions:		
Employer	3,552,888	3,395,936
Participants	2,527,441	2,547,254
Rollovers	409,847	144,595
Total contributions	6,490,176	6,087,785
Total Additions to Net Assets	14,338,855	9,687,189
Deductions From Net Assets:		
Net depreciation in fair value of investments	-	3,631,101
Benefits paid to participants	6,793,755	6,261,129
Administrative expenses	102,842	47,824
Total Deductions from Net Assets	6,896,597	9,940,054
Net increase (decrease)	7,442,258	(252,865)
Net assets available for benefits, beginning of year	101,648,169	101,901,034
Net assets available for benefits, end of year	\$ 109,090,427	\$ 101,648,169

*See accompanying independent auditor's report
and notes to financial statements.*

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

1. Plan Description

The following description of the H.C. Starck Inc. (Company or Employer) Savings and Retirement Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan is a participant-directed defined contribution plan established effective February 1, 2007. The Plan covers all eligible employees of the Company (as defined). The Plan is subject to the provisions of the Internal Revenue Code (IRC) and the Employee Retirement Income Security Act of 1974 (ERISA).

The Company established the Plan in connection with the sale of the Company by Bayer Corporation. Assets attributable to account balances of eligible employees who were previously participants in the Bayer Corporation Savings and Retirement Plan were transferred to and became eligible to participate in the Plan on March 12, 2007.

Eligibility

Employees are eligible to become participants in the Plan on their date of hire.

Participant Accounts

Each participant's account is credited with the participant's contributions and earnings thereon and an allocation of (a) the Company matching contribution, (b) the Company retirement contribution, and (c) Plan earnings. Allocations of earnings are based on participant account balances. The benefit to which a Plan participant is entitled is the amount that can be provided from the participant's vested balance.

Employer Contributions

The Company will make both matching contributions and retirement contributions on behalf of participants. Effective January 1, 2013, the Plan was amended in order to add safe harbor provisions for the employer matching contribution. For periods on and after January 1, 2013, the Company will make a safe harbor matching contribution equal to 100% of the first 3% of a participant's deferral and 50% of the next 2% of a participant's deferral for a total matching contribution of 4% of compensation on a 5% deferral. Matching contributions are allocated to participant accounts among the investment funds available in the same proportion as elected by the participants.

The Company will also make a retirement contribution equal to 5% of compensation on behalf of all eligible employees. In addition, any eligible employee employed on December 31, 2005 who participated in the Bayer Corporation Pension Plan or the H.C. Starck Retirement Plan - CSM and whose age and service equaled or exceeded 36 years, will receive an additional retirement contribution (as defined).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Participant Contributions

Employees who elect to participate may make pre-tax deferral contributions to the Plan of up to 30% of their Plan compensation (as defined), subject to the maximum allowable by law. Participants whose employee pre-tax contributions are limited by statutory requirements may make additional catch-up contributions starting in the calendar year during which they reach the age of 50. Participants may also contribute amounts representing distributions from other qualified defined retirement savings plans, termed "rollover contributions."

Vesting

Participants are 100% vested in their voluntary deferral contributions, the Company matching contributions and actual earnings thereon. Company retirement contributions and earnings thereon become vested after three years of service.

Notes Receivable from Participants

Participants are eligible to take out loans against amounts accumulated in the Plan on their behalf, subject to limitations as provided in the Plan. The Plan limits loans to a maximum of \$50,000 minus the difference, if any, between the participant's highest loan balance during the previous one-year period preceding the date the new loan is to be made and the participant's outstanding loan balance the day before receiving the new loan; or, fifty percent of the participant's vested account balance, whichever is less. As of January 1, 2010, participants can only have one loan outstanding under the Plan at any time. However, any participant who had up to three loans outstanding as of December 31, 2009 may continue to pay back said loans as regularly scheduled. The loans are repayable over a five-year period, unless used to acquire a principal residence, and bear interest at rates which are commensurate with local market rates. Interest rates range from 4.25% to 6.25% on loans outstanding at December 31, 2016.

Payment of Benefits

Upon attaining age 59 ½, a participant may elect to withdraw funds from the Plan. In addition, upon existence of substantial hardship, withdrawals are available to Plan participants. Upon termination of service, death, or total and permanent disability, a participant may elect to receive a lump-sum amount equal to the value of his or her account, or annual installments over a specified period. With respect to distributions, if the vested balance is greater than \$1,000 and less than \$5,000 and the participant does not make an election to either receive or to rollover the distribution, the distribution must be rolled over to an IRA. If the vested balance is \$1,000 or less, the form of distribution remains as a single lump sum payment. Participants over the age of 70 ½, who are still employees of the Company, can elect to defer their required minimum distribution benefit payments until retirement. However, upon actual retirement or in the event that the participant is a 5% owner and has reached the age of 70 ½, required minimum benefit payments must begin (as defined).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Forfeitures

Forfeitures of Company retirement contributions are used to reduce future Company contributions. At December 31, 2016 and 2015, forfeited non-vested accounts totaled \$53,640 and \$68,718, respectively. During 2016 and 2015, forfeited non-vested amounts of \$0 and \$222,009, respectively, were used to reduce Company contributions.

2. Summary of Significant Accounting Policies

Basis of Accounting

The Plan's financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's valuation methodology used to measure the fair value of the Vanguard Retirement Savings Trust fund is derived from the net asset value (NAV) of units held by the Plan at December 31, 2016 and 2015. The NAV, as provided by the trustee, is used as the practical expedient to estimate fair value and is based on the fair value of the underlying investments held by the fund less liabilities. See Note 3 for discussion of fair value measurements.

The Plan presents in the Statements of Changes in Net Assets Available for Benefits the net appreciation (depreciation) in the fair value of its investments, which consists of the realized gains or losses and the unrealized appreciation or depreciation on those investments.

Investment transactions are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends, including capital gain distributions, are recorded on the ex-dividend date.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent participant loans are reclassified as distributions based upon the terms of the Plan document.

Benefit Payments

Benefit payments to participants are recorded when paid.

Administrative Expenses

The majority of expenses incurred in the administration of the Plan are charged to and paid by the Company, except for per participant account maintenance fees, which are deducted from the individual participant accounts, and fees related to participant loans, which are paid by the individual accounts of the participants utilizing the loan feature.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent liabilities and the reported amounts of additions to and deductions from net assets during the reporting period. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate and market fluctuations. Due to the level of risk associated with certain investment securities, as well as the level of uncertainty related to changes in the value of the investment securities, it is at least reasonably possible that changes in the values of investment securities in the near term would materially affect participants' account balances and the amounts reported in the financial statements.

Evaluation of Subsequent Events

The Company has evaluated subsequent events through October 16, 2017, which is the date the financial statements were available to be issued, and has determined that there were no subsequent events that have occurred through that date that have not already been reflected in the financial statements and/or disclosed in the notes.

3. Fair Value Measurements

Fair Value Measurements and Disclosures defines fair value and provides guidance for measuring fair value and expands disclosures about fair value measurements in accordance with accounting principles generally accepted in the United States of America. *Fair Value Measurements and Disclosures* does not require any new fair value measurements, but rather applies to all other accounting pronouncements that require or permit fair value measurements.

Fair Value Measurements and Disclosures establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobserved inputs (Level 3 measurements).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The three levels of the fair value hierarchy are described below:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2: Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurements.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2016 and 2015.

Registered investment companies - Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Common collective trust – Valued at the NAV of units of a bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. The use of NAV as fair value is deemed appropriate as the collective trust fund does not have a finite life, unfunded commitments relating to these types of investments, or significant restrictions on redemptions.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2016:

<i>December 31, 2016</i>	Fair Value Measurements at Reporting Date			
	Level 1	Level 2	Level 3	Total
Registered investment companies - Mutual funds	\$ 91,723,063	\$ -	\$ -	\$ 91,723,063
Investments measured at NAV (a)				15,827,659
Total investments	\$ 91,723,063	\$ -	\$ -	\$ 107,550,722

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2015:

<i>December 31, 2015</i>	Fair Value Measurements at Reporting Date			
	Level 1	Level 2	Level 3	Total
Registered investment companies - Mutual funds	\$ 84,611,428	\$ -	\$ -	84,611,428
Investments measured at NAV (a)				15,599,529
Total investments	\$ 84,611,428	\$ -	\$ -	100,210,957

(a) In accordance with ASC 820-10, certain investments that were measured at NAV (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in the table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

4. Investments/Notes Receivable from Participants (unaudited)

All investment and notes receivable from participants information disclosed in the accompanying financial statements and supplemental schedule, including investments and notes receivable from participants held at December 31, 2016 and 2015, and the net appreciation (depreciation) in fair value of investments, interest and dividend income, and interest income on notes receivable from participants for the years ended December 31, 2016 and 2015, were obtained or derived from information supplied to the plan administrator and certified as complete and accurate by the trustee, Vanguard Fiduciary Trust Company.

5. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

6. Tax Status

The Plan obtained its latest determination letter on July 28, 2015, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the plan administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC and therefore, believe that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by the tax authorities. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that, as of December 31, 2016 and 2015, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

7. Party-in-Interest Transactions

The Plan invests in shares of registered investment companies and a common collective trust which are managed by affiliates of the Trustee. Transactions in such investments qualify as party-in-interest transactions. Notes receivable from participants also constitute party-in-interest transactions. Fees paid to the Trustee by the Plan amounted to \$102,842 and \$47,824 for the years ended December 31, 2016 and 2015, respectively.

8. Differences between Financial Statements and Forms 5500

Differences exist between the accompanying financial statements and the amounts reported in the 2016 and 2015 Forms 5500. Differences resulted from loans deemed to be in default in 2016 and 2015 and distributed to the participants in that same year. For Form 5500 purposes, defaulted loans are considered a deemed distribution to the participants. For financial statement purposes, the loans are still considered to be assets due to them being secured by the participant's account and also due to the Plan allowing for participants to designate in what investment programs their account balances should be invested. Differences also resulted from the financial statements reporting the value of the Plan's common collective trust fund at contract value whereas the Forms 5500 reported the value of the investment at fair value.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The following is a reconciliation of net assets available for benefits per the financial statements to the Forms 5500:

<i>December 31,</i>	2016	2015
Net assets available for benefits per the financial statements	\$109,090,427	\$101,648,169
Less: Deemed distribution of participant loans	(19,042)	(34,335)
Less: Employer and Participant Contribution Receivable	(225,216)	-
Plus: Adjustment from contract value to fair value for common collective trust	-	274,810
Net assets available for benefits per the Forms 5500	\$108,846,169	\$101,888,644

The following is a reconciliation of total deductions from net assets per the financial statements to the Forms 5500:

<i>Years Ended December 31,</i>	2016	2015
Total deductions from net assets per the financial statements (not including net depreciation)	\$ 6,896,597	\$ 6,308,953
(Less) Plus: Reversal of deemed loans recognized in prior year and offset in the current year	(15,293)	(6,438)
Total deductions from net assets per the Forms 5500	\$ 6,881,304	\$ 6,302,515

The following is a reconciliation of total additions to net assets per the financial statements to the Forms 5500:

<i>Years Ended December 31,</i>	2016	2015
Total additions to net assets per the financial statements (including net depreciation)	\$14,338,855	\$6,056,088
(Less) Plus: Employer and Participant Contribution Receivable	(225,216)	-
(Less) Plus: Adjustment from contract value to fair value for common collective trust	(274,810)	(235,084)
Total income (additions to net assets) per the Forms 5500	\$13,838,829	\$ 5,821,004

Supplemental Schedule

H.C. Starck, Inc. Savings and Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 04-2582014

Plan No: 001

December 31, 2016

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor or similar party	Description of investment (including maturity date, rate of interest, collateral, par or maturity value)	Cost	Current Value
	Registered Investment Companies			
*	Vanguard Institutional Index Fund Institutional Shares	Registered Investment Company	**	14,730,908
*	Vanguard Wellington Fund Investor Shares	Registered Investment Company	**	10,513,605
*	Vanguard Total Bond Market Index Fund Investor Shares	Registered Investment Company	**	9,148,163
*	Vanguard Target Retirement 2025 Fund	Registered Investment Company	**	8,076,070
*	Vanguard PRIMECAP Fund Investor Shares	Registered Investment Company	**	7,898,646
*	Vanguard Total International Stock Index Fund	Registered Investment Company	**	5,113,881
*	Vanguard Target Retirement 2035 Fund	Registered Investment Company	**	4,574,664
*	Vanguard Extended Market Index Fund Investor Shares	Registered Investment Company	**	4,160,958
	Columbia Dividend Income Fund; Class R5 Shares	Registered Investment Company	**	3,935,132
*	Vanguard Explorer Fund Investor Shares	Registered Investment Company	**	3,634,294
*	Vanguard Target Retirement 2020 Fund	Registered Investment Company	**	3,282,849
*	Vanguard Target Retirement 2045 Fund	Registered Investment Company	**	2,597,058
*	Vanguard International Growth Fund Investor Shares	Registered Investment Company	**	2,570,382
*	Vanguard Target Retirement 2015 Fund	Registered Investment Company	**	2,546,955
*	Vanguard Target Retirement 2030 Fund	Registered Investment Company	**	1,946,952
*	Vanguard Target Retirement 2040 Fund	Registered Investment Company	**	1,286,664
*	Vanguard Inflation-Protected Securities Fund: Inv Shares	Registered Investment Company	**	1,269,007
	Victory Sycamore Small Company Opportunity Fund Class I	Registered Investment Company	**	1,017,439
	First Eagle Global Fund; Class I	Registered Investment Company	**	838,441
*	Vanguard Target Retirement 2010 Fund	Registered Investment Company	**	647,455
*	Vanguard International Value Fund	Registered Investment Company	**	614,445
*	Vanguard Target Retirement 2050 Fund	Registered Investment Company	**	563,659
*	Vanguard Target Retirement Income	Registered Investment Company	**	435,457
*	Vanguard Target Retirement 2055 Fund	Registered Investment Company	**	215,264
*	Vanguard Prime Money Market Fund	Registered Investment Company	**	87,743
*	Vanguard Target Retirement 2060 Fund	Registered Investment Company	**	16,972
	Total Registered Investment Companies			91,723,063
	Common Collective Trust			
*	Vanguard Retirement Savings Trust	Common Collective Trust	**	15,827,659
*	Participant Loans	4.25% to 6.25%		1,295,447
	Total Assets			\$ 108,846,169

* Indicates party-in-interest to the Plan

** Cost is not required to be disclosed for participant-directed investments.



H. C. Starck, Inc. Savings and Retirement Plan

Financial Statements and Supplemental
Schedule

Years Ended December 31, 2016 and 2015

H. C. Starck, Inc. Savings and Retirement Plan

Financial Statements and Supplemental Schedule
Years Ended December 31, 2016 and 2015

H. C. Starck, Inc. Savings and Retirement Plan

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Independent Auditor's Report

To the Participants and Plan Administrator
H. C. Starck, Inc. Savings and Retirement Plan
Newton, Massachusetts

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the H. C. Starck, Inc. Savings and Retirement Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2016 and 2015, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the *Basis for Disclaimer of Opinion* paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 4, which was certified by Vanguard Fiduciary Trust Company, the trustee of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of and for the years ended December 31, 2016 and 2015, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter – Supplemental Schedule

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2016 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we do not express an opinion on this supplemental schedule.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

BDO USA, LLP

Cleveland, Ohio
October 16, 2017

Financial Statements

H.C. Starck, Inc. Savings and Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2016	2015
Assets		
Investments, at fair value:		
Registered investment companies	\$ 91,723,063	\$ 84,611,428
Common collective trust	15,827,659	15,599,529
Total Investments	107,550,722	100,210,957
Receivables:		
Employer contributions	136,423	-
Participant contributions	88,793	-
Notes receivable from participants	1,314,489	1,437,212
Total Receivables	1,539,705	1,437,212
Net Assets Available for Benefits	\$ 109,090,427	\$ 101,648,169

*See accompanying independent auditor's report
and notes to financial statements.*

H.C. Starck, Inc. Savings and Retirement Plan

Statements of Changes in Net Assets Available for Benefits

<i>Year Ended December 31,</i>	2016	2015
Additions to Net Assets:		
Investment income:		
Net appreciation in fair value of investments	\$ 4,842,226	\$ -
Interest and dividend income	2,950,022	3,537,877
Interest income on notes receivable from participants	56,431	61,527
Total investment income	7,848,679	3,599,404
Contributions:		
Employer	3,552,888	3,395,936
Participants	2,527,441	2,547,254
Rollovers	409,847	144,595
Total contributions	6,490,176	6,087,785
Total Additions to Net Assets	14,338,855	9,687,189
Deductions From Net Assets:		
Net depreciation in fair value of investments	-	3,631,101
Benefits paid to participants	6,793,755	6,261,129
Administrative expenses	102,842	47,824
Total Deductions from Net Assets	6,896,597	9,940,054
Net increase (decrease)	7,442,258	(252,865)
Net assets available for benefits, beginning of year	101,648,169	101,901,034
Net assets available for benefits, end of year	\$ 109,090,427	\$ 101,648,169

*See accompanying independent auditor's report
and notes to financial statements.*

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

1. Plan Description

The following description of the H.C. Starck Inc. (Company or Employer) Savings and Retirement Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan is a participant-directed defined contribution plan established effective February 1, 2007. The Plan covers all eligible employees of the Company (as defined). The Plan is subject to the provisions of the Internal Revenue Code (IRC) and the Employee Retirement Income Security Act of 1974 (ERISA).

The Company established the Plan in connection with the sale of the Company by Bayer Corporation. Assets attributable to account balances of eligible employees who were previously participants in the Bayer Corporation Savings and Retirement Plan were transferred to and became eligible to participate in the Plan on March 12, 2007.

Eligibility

Employees are eligible to become participants in the Plan on their date of hire.

Participant Accounts

Each participant's account is credited with the participant's contributions and earnings thereon and an allocation of (a) the Company matching contribution, (b) the Company retirement contribution, and (c) Plan earnings. Allocations of earnings are based on participant account balances. The benefit to which a Plan participant is entitled is the amount that can be provided from the participant's vested balance.

Employer Contributions

The Company will make both matching contributions and retirement contributions on behalf of participants. Effective January 1, 2013, the Plan was amended in order to add safe harbor provisions for the employer matching contribution. For periods on and after January 1, 2013, the Company will make a safe harbor matching contribution equal to 100% of the first 3% of a participant's deferral and 50% of the next 2% of a participant's deferral for a total matching contribution of 4% of compensation on a 5% deferral. Matching contributions are allocated to participant accounts among the investment funds available in the same proportion as elected by the participants.

The Company will also make a retirement contribution equal to 5% of compensation on behalf of all eligible employees. In addition, any eligible employee employed on December 31, 2005 who participated in the Bayer Corporation Pension Plan or the H.C. Starck Retirement Plan - CSM and whose age and service equaled or exceeded 36 years, will receive an additional retirement contribution (as defined).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Participant Contributions

Employees who elect to participate may make pre-tax deferral contributions to the Plan of up to 30% of their Plan compensation (as defined), subject to the maximum allowable by law. Participants whose employee pre-tax contributions are limited by statutory requirements may make additional catch-up contributions starting in the calendar year during which they reach the age of 50. Participants may also contribute amounts representing distributions from other qualified defined retirement savings plans, termed "rollover contributions."

Vesting

Participants are 100% vested in their voluntary deferral contributions, the Company matching contributions and actual earnings thereon. Company retirement contributions and earnings thereon become vested after three years of service.

Notes Receivable from Participants

Participants are eligible to take out loans against amounts accumulated in the Plan on their behalf, subject to limitations as provided in the Plan. The Plan limits loans to a maximum of \$50,000 minus the difference, if any, between the participant's highest loan balance during the previous one-year period preceding the date the new loan is to be made and the participant's outstanding loan balance the day before receiving the new loan; or, fifty percent of the participant's vested account balance, whichever is less. As of January 1, 2010, participants can only have one loan outstanding under the Plan at any time. However, any participant who had up to three loans outstanding as of December 31, 2009 may continue to pay back said loans as regularly scheduled. The loans are repayable over a five-year period, unless used to acquire a principal residence, and bear interest at rates which are commensurate with local market rates. Interest rates range from 4.25% to 6.25% on loans outstanding at December 31, 2016.

Payment of Benefits

Upon attaining age 59 ½, a participant may elect to withdraw funds from the Plan. In addition, upon existence of substantial hardship, withdrawals are available to Plan participants. Upon termination of service, death, or total and permanent disability, a participant may elect to receive a lump-sum amount equal to the value of his or her account, or annual installments over a specified period. With respect to distributions, if the vested balance is greater than \$1,000 and less than \$5,000 and the participant does not make an election to either receive or to rollover the distribution, the distribution must be rolled over to an IRA. If the vested balance is \$1,000 or less, the form of distribution remains as a single lump sum payment. Participants over the age of 70 ½, who are still employees of the Company, can elect to defer their required minimum distribution benefit payments until retirement. However, upon actual retirement or in the event that the participant is a 5% owner and has reached the age of 70 ½, required minimum benefit payments must begin (as defined).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Forfeitures

Forfeitures of Company retirement contributions are used to reduce future Company contributions. At December 31, 2016 and 2015, forfeited non-vested accounts totaled \$53,640 and \$68,718, respectively. During 2016 and 2015, forfeited non-vested amounts of \$0 and \$222,009, respectively, were used to reduce Company contributions.

2. Summary of Significant Accounting Policies

Basis of Accounting

The Plan's financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's valuation methodology used to measure the fair value of the Vanguard Retirement Savings Trust fund is derived from the net asset value (NAV) of units held by the Plan at December 31, 2016 and 2015. The NAV, as provided by the trustee, is used as the practical expedient to estimate fair value and is based on the fair value of the underlying investments held by the fund less liabilities. See Note 3 for discussion of fair value measurements.

The Plan presents in the Statements of Changes in Net Assets Available for Benefits the net appreciation (depreciation) in the fair value of its investments, which consists of the realized gains or losses and the unrealized appreciation or depreciation on those investments.

Investment transactions are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends, including capital gain distributions, are recorded on the ex-dividend date.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent participant loans are reclassified as distributions based upon the terms of the Plan document.

Benefit Payments

Benefit payments to participants are recorded when paid.

Administrative Expenses

The majority of expenses incurred in the administration of the Plan are charged to and paid by the Company, except for per participant account maintenance fees, which are deducted from the individual participant accounts, and fees related to participant loans, which are paid by the individual accounts of the participants utilizing the loan feature.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent liabilities and the reported amounts of additions to and deductions from net assets during the reporting period. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate and market fluctuations. Due to the level of risk associated with certain investment securities, as well as the level of uncertainty related to changes in the value of the investment securities, it is at least reasonably possible that changes in the values of investment securities in the near term would materially affect participants' account balances and the amounts reported in the financial statements.

Evaluation of Subsequent Events

The Company has evaluated subsequent events through October 16, 2017, which is the date the financial statements were available to be issued, and has determined that there were no subsequent events that have occurred through that date that have not already been reflected in the financial statements and/or disclosed in the notes.

3. Fair Value Measurements

Fair Value Measurements and Disclosures defines fair value and provides guidance for measuring fair value and expands disclosures about fair value measurements in accordance with accounting principles generally accepted in the United States of America. *Fair Value Measurements and Disclosures* does not require any new fair value measurements, but rather applies to all other accounting pronouncements that require or permit fair value measurements.

Fair Value Measurements and Disclosures establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobserved inputs (Level 3 measurements).

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The three levels of the fair value hierarchy are described below:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2: Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurements.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2016 and 2015.

Registered investment companies - Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Common collective trust – Valued at the NAV of units of a bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. The use of NAV as fair value is deemed appropriate as the collective trust fund does not have a finite life, unfunded commitments relating to these types of investments, or significant restrictions on redemptions.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2016:

<i>December 31, 2016</i>	Fair Value Measurements at Reporting Date			
	Level 1	Level 2	Level 3	Total
Registered investment companies - Mutual funds	\$ 91,723,063	\$ -	\$ -	\$ 91,723,063
Investments measured at NAV (a)				15,827,659
Total investments	\$ 91,723,063	\$ -	\$ -	\$ 107,550,722

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2015:

<i>December 31, 2015</i>	Fair Value Measurements at Reporting Date			
	Level 1	Level 2	Level 3	Total
Registered investment companies - Mutual funds	\$ 84,611,428	\$ -	\$ -	\$ 84,611,428
Investments measured at NAV (a)				15,599,529
Total investments	\$ 84,611,428	\$ -	\$ -	\$ 100,210,957

(a) In accordance with ASC 820-10, certain investments that were measured at NAV (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in the table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

4. Investments/Notes Receivable from Participants (unaudited)

All investment and notes receivable from participants information disclosed in the accompanying financial statements and supplemental schedule, including investments and notes receivable from participants held at December 31, 2016 and 2015, and the net appreciation (depreciation) in fair value of investments, interest and dividend income, and interest income on notes receivable from participants for the years ended December 31, 2016 and 2015, were obtained or derived from information supplied to the plan administrator and certified as complete and accurate by the trustee, Vanguard Fiduciary Trust Company.

5. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

6. Tax Status

The Plan obtained its latest determination letter on July 28, 2015, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the plan administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC and therefore, believe that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by the tax authorities. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that, as of December 31, 2016 and 2015, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

7. Party-in-Interest Transactions

The Plan invests in shares of registered investment companies and a common collective trust which are managed by affiliates of the Trustee. Transactions in such investments qualify as party-in-interest transactions. Notes receivable from participants also constitute party-in-interest transactions. Fees paid to the Trustee by the Plan amounted to \$102,842 and \$47,824 for the years ended December 31, 2016 and 2015, respectively.

8. Differences between Financial Statements and Forms 5500

Differences exist between the accompanying financial statements and the amounts reported in the 2016 and 2015 Forms 5500. Differences resulted from loans deemed to be in default in 2016 and 2015 and distributed to the participants in that same year. For Form 5500 purposes, defaulted loans are considered a deemed distribution to the participants. For financial statement purposes, the loans are still considered to be assets due to them being secured by the participant's account and also due to the Plan allowing for participants to designate in what investment programs their account balances should be invested. Differences also resulted from the financial statements reporting the value of the Plan's common collective trust fund at contract value whereas the Forms 5500 reported the value of the investment at fair value.

H. C. Starck, Inc. Savings and Retirement Plan

Notes to Financial Statements

The following is a reconciliation of net assets available for benefits per the financial statements to the Forms 5500:

<i>December 31,</i>	2016	2015
Net assets available for benefits per the financial statements	\$109,090,427	\$101,648,169
Less: Deemed distribution of participant loans	(19,042)	(34,335)
Less: Employer and Participant Contribution Receivable	(225,216)	-
Plus: Adjustment from contract value to fair value for common collective trust	-	274,810
Net assets available for benefits per the Forms 5500	\$108,846,169	\$101,888,644

The following is a reconciliation of total deductions from net assets per the financial statements to the Forms 5500:

<i>Years Ended December 31,</i>	2016	2015
Total deductions from net assets per the financial statements (not including net depreciation)	\$ 6,896,597	\$ 6,308,953
(Less) Plus: Reversal of deemed loans recognized in prior year and offset in the current year	(15,293)	(6,438)
Total deductions from net assets per the Forms 5500	\$ 6,881,304	\$ 6,302,515

The following is a reconciliation of total additions to net assets per the financial statements to the Forms 5500:

<i>Years Ended December 31,</i>	2016	2015
Total additions to net assets per the financial statements (including net depreciation)	\$14,338,855	\$6,056,088
(Less) Plus: Employer and Participant Contribution Receivable	(225,216)	-
(Less) Plus: Adjustment from contract value to fair value for common collective trust	(274,810)	(235,084)
Total income (additions to net assets) per the Forms 5500	\$13,838,829	\$ 5,821,004

Supplemental Schedule

H.C. Starck, Inc. Savings and Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 04-2582014

Plan No: 001

December 31, 2016

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor or similar party	Description of investment (including maturity date, rate of interest, collateral, par or maturity value)	Cost	Current Value
	Registered Investment Companies			
*	Vanguard Institutional Index Fund Institutional Shares	Registered Investment Company	**	14,730,908
*	Vanguard Wellington Fund Investor Shares	Registered Investment Company	**	10,513,605
*	Vanguard Total Bond Market Index Fund Investor Shares	Registered Investment Company	**	9,148,163
*	Vanguard Target Retirement 2025 Fund	Registered Investment Company	**	8,076,070
*	Vanguard PRIMECAP Fund Investor Shares	Registered Investment Company	**	7,898,646
*	Vanguard Total International Stock Index Fund	Registered Investment Company	**	5,113,881
*	Vanguard Target Retirement 2035 Fund	Registered Investment Company	**	4,574,664
*	Vanguard Extended Market Index Fund Investor Shares	Registered Investment Company	**	4,160,958
	Columbia Dividend Income Fund; Class R5 Shares	Registered Investment Company	**	3,935,132
*	Vanguard Explorer Fund Investor Shares	Registered Investment Company	**	3,634,294
*	Vanguard Target Retirement 2020 Fund	Registered Investment Company	**	3,282,849
*	Vanguard Target Retirement 2045 Fund	Registered Investment Company	**	2,597,058
*	Vanguard International Growth Fund Investor Shares	Registered Investment Company	**	2,570,382
*	Vanguard Target Retirement 2015 Fund	Registered Investment Company	**	2,546,955
*	Vanguard Target Retirement 2030 Fund	Registered Investment Company	**	1,946,952
*	Vanguard Target Retirement 2040 Fund	Registered Investment Company	**	1,286,664
*	Vanguard Inflation-Protected Securities Fund: Inv Shares	Registered Investment Company	**	1,269,007
	Victory Sycamore Small Company Opportunity Fund Class I	Registered Investment Company	**	1,017,439
	First Eagle Global Fund; Class I	Registered Investment Company	**	838,441
*	Vanguard Target Retirement 2010 Fund	Registered Investment Company	**	647,455
*	Vanguard International Value Fund	Registered Investment Company	**	614,445
*	Vanguard Target Retirement 2050 Fund	Registered Investment Company	**	563,659
*	Vanguard Target Retirement Income	Registered Investment Company	**	435,457
*	Vanguard Target Retirement 2055 Fund	Registered Investment Company	**	215,264
*	Vanguard Prime Money Market Fund	Registered Investment Company	**	87,743
*	Vanguard Target Retirement 2060 Fund	Registered Investment Company	**	16,972
	Total Registered Investment Companies			91,723,063
	Common Collective Trust			
*	Vanguard Retirement Savings Trust	Common Collective Trust	**	15,827,659
*	Participant Loans	4.25% to 6.25%		1,295,447
	Total Assets			\$ 108,846,169

* Indicates party-in-interest to the Plan

** Cost is not required to be disclosed for participant-directed investments.