GRAY TELEVISION INC
Form 4
March 24, 2016

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number:	3235-0287
Expires:	January 31, 2005
Estimated average burden hours per response...	0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
NEWTON HOWELL

(Last) (First) (Middle)

PO BOX 633

(Street)

FORSYTH, GA 31029-0633

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
GRAY TELEVISION INC [GTN]

3. Date of Earliest Transaction (Month/Day/Year)
03/23/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director _____ 10% Owner
_____ Officer (give title below) _____ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								48,998	D	
Class A Common Stock	03/23/2016		A		10,387 (1)	A	$ 0	21,165	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
								Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
				Code	V	(A)	(D)						

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
NEWTON HOWELL PO BOX 633 FORSYTH, GA 31029-0633	X			

Signatures

/s/ Dottie Boudreau by Power of Attorney	03/24/2016
**Signature of Reporting Person	Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Represents grant of restricted stock, which vests in full on January 31, 2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. STYLE="vertical-align: bottom; background-color: White"> Hotels, Restaurants & Leisure (0.84%) Yum! Brands, Inc. 128,494 11,681,390 Household Durables (1.23%) Lennar Corp., Class A 117,000 5,462,730 Lennar Corp., Class B 2,500 96,250 Newell Brands, Inc. 191,990 3,897,397 Sony Corp.[b] 126,400 7,666,160 17,122,537 Internet & Direct Marketing Retail (3.24%) Amazon.com, Inc.[a] 15,419 30,884,257 Booking Holdings, Inc.[a] 7,139 14,163,776 45,048,033 Multiline Retail (0.53%) Dollar Tree, Inc.[a] 90,800 7,404,740 Specialty Retail (4.10%) Home Depot, Inc. 80,743 16,725,912 Lowe's Cos., Inc. 155,726 17,880,459 TJX Cos., Inc. 87,660 9,819,673

See Notes to Schedule of Investments.

Explanation of Responses:

Liberty All-Star® Equity Fund Schedule of Investments

September 30, 2018 (Unaudited)

	SHARES	MARKET VALUE
COMMON STOCKS (continued)		
Specialty Retail (continued)		
Ulta Beauty, Inc.	44,863	$12,656,750
		57,082,794
Textiles, Apparel & Luxury Goods (0.74%)		
NIKE, Inc., Class B	122,154	10,348,887
CONSUMER STAPLES (5.87%)		
Beverages (0.99%)		
Coca-Cola Co.	159,200	7,353,448
Monster Beverage Corp.[(a)]	109,200	6,364,176
		13,717,624
Food & Staples Retailing (1.62%)		
Costco Wholesale Corp.	29,200	6,858,496
Kroger Co.	200,600	5,839,466
Walgreens Boots Alliance, Inc.	83,100	6,057,990
Walmart, Inc.	40,303	3,784,855
		22,540,807
Food Products (2.17%)		
Archer-Daniels-Midland Co.	177,300	8,912,871
Mondelez International, Inc., Class A	496,279	21,320,146
		30,233,017
Personal Products (1.09%)		
Estee Lauder Cos., Inc., Class A	60,748	8,827,899
Unilever NV	114,000	6,332,700
		15,160,599
ENERGY (7.23%)		
Energy Equipment & Services (2.36%)		
Halliburton Co.	429,727	17,416,835
National Oilwell Varco, Inc.	118,906	5,122,471
Schlumberger, Ltd.	169,673	10,336,479
		32,875,785
Oil, Gas & Consumable Fuels (4.87%)		
BP PLC[(b)]	126,501	5,831,696
Cenovus Energy, Inc.	528,447	5,300,324
Concho Resources, Inc.[(a)]	23,500	3,589,625
ConocoPhillips	118,600	9,179,640
Exxon Mobil Corp.	66,865	5,684,862
Marathon Oil Corp.	405,810	9,447,257
Occidental Petroleum Corp.	98,700	8,110,179
Phillips 66	70,000	7,890,400
Pioneer Natural Resources Co.	25,500	4,441,845

See Notes to Schedule of Investments.

Liberty All-Star® Equity Fund Schedule of Investments

September 30, 2018 (Unaudited)

	SHARES	MARKET VALUE
COMMON STOCKS (continued)		
Oil, Gas & Consumable Fuels (continued)		
Royal Dutch Shell PLC, Class A[(b)]	120,795	$8,230,971
		67,706,799
FINANCIALS (15.05%)		
Banks (5.40%)		
Banco Bilbao Vizcaya Argentaria SA[(b)(c)]	810,000	5,103,000
Bank of America Corp.	572,857	16,876,367
BB&T Corp.	159,300	7,732,422
BOK Financial Corp.	42,000	4,085,760
Citigroup, Inc.	113,986	8,177,356
Cullen/Frost Bankers, Inc.	38,000	3,968,720
East West Bancorp, Inc.	94,300	5,692,891
JPMorgan Chase & Co.	108,487	12,241,673
Mitsubishi UFJ Financial Group, Inc.[(b)(c)]	650,000	4,023,500
Wells Fargo & Co.	137,987	7,252,597
		75,154,286
Capital Markets (3.77%)		
Ameriprise Financial, Inc.	48,500	7,161,510
Bank of New York Mellon Corp.	152,200	7,760,678
Charles Schwab Corp.	128,900	6,335,435
Franklin Resources, Inc.	168,889	5,135,915
Goldman Sachs Group, Inc.	27,035	6,062,328
KKR & Co., Inc.	140,872	3,841,579
Morgan Stanley	134,105	6,245,270
S&P Global, Inc.	24,804	4,846,454
UBS Group AG[(a)]	325,600	5,121,688
		52,510,857
Consumer Finance (1.01%)		
Capital One Financial Corp.	147,440	13,996,479
Diversified Financial Services (0.92%)		
AXA Equitable Holdings, Inc.	248,482	5,329,939
Voya Financial, Inc.	150,003	7,450,649
		12,780,588
Insurance (3.95%)		
Allstate Corp.	83,300	8,221,710
American International Group, Inc.	257,456	13,706,957
Axis Capital Holdings, Ltd.	89,225	5,149,175
Chubb, Ltd.	93,600	12,508,704
Marsh & McLennan Cos., Inc.	93,200	7,709,504
MetLife, Inc.	166,053	7,757,996

55,054,046

See Notes to Schedule of Investments.

Liberty All-Star® Equity Fund Schedule of Investments

September 30, 2018 (Unaudited)

	SHARES	MARKET VALUE
COMMON STOCKS (continued)		
HEALTH CARE (16.60%)		
Biotechnology (3.03%)		
AbbVie, Inc.	50,469	$4,773,358
Alexion Pharmaceuticals, Inc.(a)	34,200	4,754,142
Amgen, Inc.	68,005	14,096,757
BioMarin Pharmaceutical, Inc.(a)	52,100	5,052,137
Celgene Corp.(a)	40,200	3,597,498
Regeneron Pharmaceuticals, Inc.(a)	24,436	9,873,121
		42,147,013
Health Care Equipment & Supplies (3.74%)		
Abbott Laboratories	226,265	16,598,800
Align Technology, Inc.(a)	13,493	5,278,732
Becton Dickinson and Co.	32,580	8,503,380
Danaher Corp.	79,000	8,584,140
Medtronic PLC	84,000	8,263,080
West Pharmaceutical Services, Inc.	38,700	4,778,289
		52,006,421
Health Care Providers & Services (4.70%)		
Acadia Healthcare Co., Inc.(a)	112,000	3,942,400
Cardinal Health, Inc.	192,857	10,414,278
CVS Health Corp.	116,900	9,202,368
Express Scripts Holding Co.(a)	175,104	16,636,631
McKesson Corp.	48,431	6,424,372
Quest Diagnostics, Inc.	71,900	7,758,729
UnitedHealth Group, Inc.	41,742	11,105,042
		65,483,820
Life Sciences Tools & Services (0.46%)		
Illumina, Inc.(a)	17,376	6,378,035
Pharmaceuticals (4.67%)		
Johnson & Johnson	62,300	8,607,991
Merck & Co., Inc.	227,690	16,152,328
Mylan NV(a)	271,736	9,945,538
Novartis AG(b)	68,000	5,858,880
Novo Nordisk A/S(b)	180,259	8,497,409
Pfizer, Inc.	207,400	9,140,118
Zoetis, Inc.	74,400	6,812,064
		65,014,328
INDUSTRIALS (6.38%)		
Aerospace & Defense (1.69%)		
General Dynamics Corp.	36,000	7,369,920

Northrop Grumman Corp.	24,900	7,902,513

See Notes to Schedule of Investments.

Liberty All-Star® Equity Fund Schedule of Investments

September 30, 2018 (Unaudited)

	SHARES	MARKET VALUE			
COMMON STOCKS (continued)					
Aerospace & Defense (continued)					
Raytheon Co.	39,800	$ 8,225,068			
		23,497,501			
Building Products (0.44%)					
Total comprehensive income	$153.1	$69.0		$234.8	$155.9
Less: Total comprehensive income (loss) attributable to noncontrolling interests	0.7	(0.4)		1.2	2.2
Total comprehensive income attributable to Allegion plc	$152.4	$69.4		$233.6	$153.7

See accompanying notes to condensed and consolidated financial statements.

1

Table of Contents

ALLEGION PLC
CONDENSED AND CONSOLIDATED BALANCE SHEETS
(Unaudited)

In millions	June 30, 2017	December 31, 2016
ASSETS		
Current assets:		
Cash and cash equivalents	$245.5	$ 312.4
Accounts and notes receivable, net	310.9	260.0
Inventories	247.8	220.6
Other current assets	35.0	36.3
Total current assets	839.2	829.3
Property, plant and equipment, net	241.3	226.6
Goodwill	745.7	716.8
Intangible assets, net	386.8	357.4
Other noncurrent assets	121.6	117.3
Total assets	$2,334.6	$ 2,247.4
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	$194.6	$ 179.9
Accrued expenses and other current liabilities	195.3	201.5
Short-term borrowings and current maturities of long-term debt	46.9	48.2
Total current liabilities	436.8	429.6
Long-term debt	1,394.1	1,415.6
Other noncurrent liabilities	234.3	285.8
Total liabilities	2,065.2	2,131.0
Equity:		
Allegion plc shareholders' equity:		
Ordinary shares, $0.01 par value (94,980,455 and 95,273,927 shares issued and outstanding at June 30, 2017 and December 31, 2016, respectively)	0.9	1.0
Retained earnings	468.9	376.6
Accumulated other comprehensive loss	(204.5)	(264.3)
Total Allegion plc shareholders' equity	265.3	113.3
Noncontrolling interests	4.1	3.1
Total equity	269.4	116.4
Total liabilities and equity	$2,334.6	$ 2,247.4

See accompanying notes to condensed and consolidated financial statements.

Table of Contents

ALLEGION PLC
CONDENSED AND CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

	Six months ended June 30,	
In millions	2017	2016
Cash flows from operating activities:		
Net earnings	$174.5	$154.2
Adjustments to arrive at net cash provided by operating activities:		
Depreciation and amortization	32.7	33.5
Discretionary pension plan contribution	(50.0)	—
Changes in assets and liabilities and other non-cash items	(93.2)	(86.5)
Net cash provided by operating activities	64.0	101.2
Cash flows from investing activities:		
Capital expenditures	(21.4)	(16.5)
Acquisition of and equity investments in businesses, net of cash acquired	(20.8)	(31.4)
Proceeds from sale of marketable securities	—	14.1
Proceeds from sale of equity investment	15.2	—
Other investing activities, net	1.1	(4.7)
Net cash used in investing activities	(25.9)	(38.5)
Cash flows from financing activities:		
Short-term borrowings, net	(1.3)	—
Payments of long-term debt	(23.5)	(40.5)
Debt repayments, net	(24.8)	(40.5)
Dividends paid to ordinary shareholders	(30.4)	(22.9)
Acquisition/divestiture of noncontrolling interests	—	(0.4)
Repurchase of ordinary shares	(60.0)	(30.0)
Other financing activities, net	4.7	(1.2)
Net cash used in financing activities	(110.5)	(95.0)
Effect of exchange rate changes on cash and cash equivalents	5.5	1.7
Net decrease in cash and cash equivalents	(66.9)	(30.6)
Cash and cash equivalents - beginning of period	312.4	199.7
Cash and cash equivalents - end of period	$245.5	$169.1

See accompanying notes to condensed and consolidated financial statements.

Table of Contents

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)
Note 1 – Basis of Presentation
The accompanying condensed and consolidated financial statements of Allegion plc, an Irish public limited company, and its consolidated subsidiaries ("Allegion" or the "Company"), reflect the consolidated operations of the Company and have been prepared in accordance with United States Securities and Exchange Commission ("SEC") interim reporting requirements. Accordingly, the accompanying condensed and consolidated financial statements do not include all disclosures required by accounting principles generally accepted in the United States of America ("GAAP") for full financial statements and should be read in conjunction with the consolidated financial statements included in the Allegion Annual Report on Form 10-K for the year ended December 31, 2016. In the opinion of management, the accompanying condensed and consolidated financial statements contain all adjustments, which include normal recurring adjustments, necessary to state fairly the consolidated unaudited results for the interim periods presented.

Note 2 – Recent Accounting Pronouncements

Recently Adopted Accounting Pronouncements:

In July 2015, the FASB issued ASU 2015-11, "Inventory (Topic 330): Simplifying the Measurement of Inventory." ASU 2015-11 changes the measurement principle for inventory from the lower of cost or market to the lower of cost and net realizable value. The standard defines net realizable value as estimated selling prices in the ordinary course of business less reasonably predictable costs of completion, disposal and transportation. The Company adopted the provisions of ASU 2015-11 on January 1, 2017. The adoption of ASU 2015-11 did not have a material impact on the condensed and consolidated financial statements.

In October 2016, the FASB issued ASU 2016-16, "Income Taxes (Topic 740): Intra-Entity Transfers of Assets Other Than Inventory." This update addresses the income tax consequences of intra-entity transfers of assets other than inventory. Previously, GAAP prohibited the recognition of current and deferred income taxes for an intra-entity asset transfer until the asset has been sold to an outside party. In addition, interpretations of this guidance have developed in practice over the years for transfers of certain intangible and tangible assets. The amendments in the update will require recognition of current and deferred income taxes resulting from an intra-entity transfer of an asset other than inventory when the transfer occurs. The Company elected to adopt early on January 1, 2017. As a result, during the first quarter of 2017, the Company recognized a cumulative effect within retained earnings of $5.0 million with an offset to other current assets and other noncurrent assets.

Recently Issued Accounting Pronouncements

In May 2014, the FASB issued ASU 2014-09, "Revenue from Contracts with Customers" (ASC 606). ASC 606 is a single, comprehensive revenue recognition model for all contracts with customers. The model is based on changes in contract assets (rights to receive consideration) and liabilities (obligations to provide a good or perform a service). Revenue is recognized based on the satisfaction of performance obligations, which occurs when control of a good or service transfers to a customer. ASC 606
contains expanded disclosure requirements relating to the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. Entities may use a full retrospective approach or report the cumulative effect as of the date of adoption ("modified retrospective method"). This guidance will be effective for the Company January 1, 2018. The FASB has also issued the following standards which clarify ASU 2014-09 and have the same effective date as the original standard: ASU No. 2016-12, Revenue from Contracts with Customers: Narrow-Scope

Improvements and Practical Expedients and ASU 2016-10, Revenue from Contracts with Customers: Identifying Performance Obligations and Licensing. The Company has completed an assessment of the new standard’s impact and a technical assessment of material customer contracts. The Company will choose the modified retrospective method upon adoption in 2018. The adoption of the new standard will not have a material impact on the Company's condensed and consolidated statements of comprehensive income, balance sheets or statements of cash flows. The Company will expand the condensed and consolidated financial statement disclosures in order to comply with ASU 2014-09.

In February 2016, the FASB issued ASU 2016-02, "Leases (Topic 842)." ASU 2016-02 requires the identification of arrangements that should be accounted for as leases by lessees. In general, for lease arrangements exceeding a twelve month term, these arrangements will be recognized as assets and liabilities on the balance sheet of the lessee. Under ASU 2016-02, a right-of-use asset and lease obligation will be recorded for all leases, whether operating or financing, while the income statement will reflect lease expense for operating leases and amortization/interest expense for financing leases. The ASU is effective for annual periods

4

beginning after December 15, 2018, and interim periods within those annual periods. Early adoption is permitted. ASU 2016-02 is required to be applied with a modified retrospective approach to each prior reporting period presented with various optional practical expedients. The Company anticipates that the adoption of ASU 2016-02 will materially affect its condensed and consolidated balance sheets and will require changes to its systems and processes. The Company is assessing what impact ASU 2016-02 will have on the condensed and consolidated financial statements upon adoption.

In June 2016, the FASB issued ASU 2016-13, "Financial Instruments-Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments." The new guidance introduces an approach based on expected losses to estimate credit losses on certain types of financial instruments. The ASU will be effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years. Early adoption is permitted. The Company is assessing what impact ASU 2016-13 will have on the condensed and consolidated financial statements.

In August 2016, the FASB issued ASU 2016-15, "Statement of Cash Flows (Topic 230): Clarification of Certain Cash Receipts and Cash Payments." ASU 2016-15 eliminates the diversity in practice related to the classification of certain cash receipts and payments in the statement of cash flows, by adding or clarifying guidance on eight specific cash flow issues. The ASU will be effective for annual and interim reporting periods beginning after December 15, 2017, with early adoption permitted. The amendments in this update will be applied retrospectively to all periods presented, unless deemed impracticable, in which case, prospective application is permitted. The Company is assessing what impact ASU 2016-15 will have on the condensed and consolidated financial statements.

In January 2017, the FASB issued ASU 2017-04, "Intangibles– Goodwill and Other (Topic 350): Simplifying the Accounting for Goodwill Impairment." The amended guidance simplifies the accounting for goodwill impairment for all entities by eliminating the requirement to perform a hypothetical purchase price allocation. A goodwill impairment charge will now be recognized for the amount by which the carrying value of a reporting unit exceeds its fair value, not to exceed the carrying amount of goodwill.
The ASU will be effective for fiscal years beginning after December 15, 2019. Early adoption is permitted for any impairment tests after January 1, 2017. The Company is assessing what impact ASU 2017-04 will have on the condensed and consolidated financial statements.

In March 2017, the FASB issued ASU 2017-07, "Compensation—Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost." ASU 2017-07 requires that an employer report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. The other components of net benefit cost are required to be presented in the statement of comprehensive income separately from the service cost component and outside a subtotal of operating income. ASU 2017-07 also allows only the service cost component to be eligible for capitalization when applicable (for example, as a cost of internally manufactured inventory or a self-constructed asset). The ASU is effective for annual periods beginning after December 15, 2017. The ASU should be applied retrospectively for the presentation of the service cost component and the other components of net periodic pension cost and net periodic postretirement benefit cost in the income statement and prospectively, on and after the effective date, for the capitalization of the service cost component of net periodic pension cost and net periodic postretirement benefit in assets. The amendments allow a practical expedient that permits an employer to use the amounts disclosed in its pension and other postretirement benefit plan note for the prior comparative periods as the estimation basis for applying the retrospective presentation requirements. The Company is still assessing the impact of ASU 2017-07 but does not believe it will have a material impact on the condensed and consolidated financial statements.

Note 3 – Inventories

Inventories are stated at the lower of cost or net realizable value using the first-in first-out (FIFO) method.

The major classes of inventory were as follows:

In millions	June 30, 2017	December 31, 2016
Raw materials	$ 70.3	$ 56.7
Work-in-process	28.4	23.6
Finished goods	149.1	140.3
Total	$ 247.8	$ 220.6

Note 4 – Goodwill

The changes in the carrying amount of goodwill for the six months ended June 30, 2017 were as follows:

In millions	Americas	EMEIA	Asia Pacific	Total
December 31, 2016 (gross)	$ 372.9	$ 736.1	$ 93.3	$ 1,202.3
Accumulated impairment	—	(478.6)	(6.9)	(485.5)
December 31, 2016 (net)	372.9	257.5	86.4	716.8
Acquisitions and settlements	3.3	(1.7)	1.3	2.9
Currency translation	—	21.5	4.5	26.0
June 30, 2017 (net)	$ 376.2	$ 277.3	$ 92.2	$ 745.7

Note 5 – Intangible Assets

The gross amount of the Company's intangible assets and related accumulated amortization were as follows:

	June 30, 2017			December 31, 2016		
In millions	Gross carrying amount	Accumulated amortization	Net carrying amount	Gross carrying amount	Accumulated amortization	Net carrying amount
Completed technologies/patents	$ 51.2	$ (28.1)	$ 23.1	$ 48.0	$ (25.3)	$ 22.7
Customer relationships	309.4	(63.3)	246.1	278.9	(51.6)	227.3
Trademarks (finite-lived)	85.2	(42.2)	43.0	78.5	(37.3)	41.2
Other	12.6	(10.5)	2.1	11.0	(9.4)	1.6
Total finite-lived intangible assets	458.4	$ (144.1)	314.3	416.4	$ (123.6)	292.8
Trademarks (indefinite-lived)	72.5		72.5	64.6		64.6
Total	$ 530.9		$ 386.8	$ 481.0		$ 357.4

Intangible asset amortization expense was $10.6 million and $10.2 million for the six months ended June 30, 2017 and 2016. Future estimated amortization expense on existing intangible assets in each of the next five years amounts to approximately $21.7 million for full year 2017, $21.7 million for 2018, $20.8 million for 2019, $20.8 million for 2020, and $20.8 million for 2021.

Note 6 – Acquisitions

On January 3, 2017, the Company acquired Republic Doors & Frames, LLC. through one of its subsidiaries. In 2016, we completed one business acquisition (Trelock GmbH). These acquisitions did not have a material impact on the condensed and consolidated financial statements.

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Note 7 – Divestitures

On April 5, 2017, iDevices LLC, including the Company's equity investment, was acquired by a third party. The Company recorded a $4.9 million gain in the second quarter of 2017 within Other income, net.

As previously disclosed, the Company sold a majority stake of Bocom Wincent Technologies Co., Ltd. ("Systems Integration") in the fourth quarter of 2015, retaining 15% of the shares. The Company currently estimates the fair value of the consideration to be $2.7 million, which is classified within Other noncurrent assets within the Condensed and Consolidated Balance Sheets. The Company does not expect to incur any material charges in future periods related to Systems Integration.

Note 8 – Debt and Credit Facilities

Long-term debt and other borrowings consisted of the following:

In millions	June 30, 2017			December 31, 2016		
Term Loan A Facility	$	856.3		$	879.8	
5.75% Senior notes due 2021	300.0			300.0		
5.875% Senior notes due 2023	300.0			300.0		
Other debt, including capital leases, maturing in various amounts through 2024	1.0			2.3		
Unamortized debt issuance costs, net	(16.3		)	(18.3		)
Total debt	1,441.0			1,463.8		
Less current portion of long-term debt	46.9			48.2		
Total long-term debt	$	1,394.1		$	1,415.6	

Senior Secured Credit Facilities

The Company has credit facilities consisting of a $938.4 million Term Loan Facility due in 2020 (the "Term Loan A Facility") and a $500.0 million Senior Secured Revolving Credit Facility (the "Revolver") maturing in 2020. The Company refers to these credit facilities as its "Senior Secured Credit Facilities."

The applicable margin for LIBOR rate borrowings range from 1.375% to 1.875% and the applicable margin for base rate borrowings range from 0.375% to 0.875%, in each case depending on the corporate credit or family rating. The Senior Secured Credit Facilities mature on October 15, 2020.

Outstanding borrowings under the Senior Secured Credit Facilities currently accrue interest at LIBOR plus an applicable margin. The margin for the Term Loan A Facility borrowings was 1.375% as of June 30, 2017.

To manage the Company's exposure to fluctuations in LIBOR rates, the Company has forward starting interest rate swaps to fix the interest rate paid during the contract period for $525.0 million of the Company's variable rate Term Loan A Facility. Swaps with notional amounts totaling $275.0 million expire in September 2017 and swaps effective September 2017 with notional amounts totaling $250.0 million expire in December 2020.

The Company repaid $23.5 million of principal on its Term Loan A Facility during the six months ended June 30, 2017. At June 30, 2017, the Company did not have any borrowings outstanding under the Revolver and had $19.2 million of letters of credit outstanding. Allegion plc is the primary borrower under the Senior Secured Credit Facilities.

Senior Notes

A wholly-owned subsidiary of the Company has issued $300.0 million of 5.75% senior notes due 2021 (the "2021 Senior Notes"). The 2021 Senior Notes accrue interest at the rate of 5.75% per annum, payable semi-annually on April 1 and October 1 of each year. The 2021 Senior Notes mature on October 1, 2021.

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

In September 2015, Allegion plc issued $300.0 million of 5.875% senior notes due 2023 (the "2023 Senior Notes"). The 2023 Senior Notes accrue interest at the rate of 5.875% per annum, payable semi-annually on March 15 and September 15 of each year, beginning March 15, 2016. The 2023 Senior Notes mature on September 15, 2023.

The weighted-average interest rate for borrowings was 2.7% under the Term Loan A Facility (including the effect of interest rate swaps) at June 30, 2017, 5.75% under the 2021 Senior Notes and 5.875% under the 2023 Senior Notes.

Note 9 – Financial Instruments

In the normal course of business, the Company uses various financial instruments, including derivative instruments, to manage the risks associated with interest and currency rate exposures. These financial instruments are not used for trading or speculative purposes.

On the date a derivative contract is entered into, the Company designates the derivative instrument as a cash flow hedge of a forecasted transaction, a cash flow hedge of a recognized asset or liability, or as an undesignated derivative. The Company formally documents its hedge relationships, including identification of the derivative instruments and the hedged items, as well as its risk management objectives and strategies for undertaking the hedge transaction. This process includes linking derivative instruments that are designated as hedges to specific assets, liabilities or forecasted transactions.

The fair market value of derivative instruments is determined through market-based valuations and may not be representative of the actual gains or losses that will be recorded when these instruments mature due to future fluctuations in the markets in which they are traded.

The Company assesses at inception and at least quarterly thereafter, whether the derivatives used in cash flow hedging transactions are highly effective in offsetting the changes in the cash flows of the hedged item. To the extent the derivative is deemed to be a highly effective hedge, the fair market value changes of the instrument are recorded to Accumulated other comprehensive income.

Any ineffective portion of a derivative instrument’s change in fair value is recorded in Net earnings in the period of change. If the hedging relationship ceases to be highly effective, or it becomes probable that a forecasted transaction is no longer expected to occur, the hedging relationship will be undesignated and any future gains and losses on the derivative instrument will be recorded in Net earnings.

Currency Hedging Instruments

The gross notional amount of the Company’s currency derivatives was $93.0 million and $132.6 million at June 30, 2017 and December 31, 2016, respectively. At June 30, 2017 and December 31, 2016, gains of $0.2 million and $0.8 million, net of tax, were included in Accumulated other comprehensive loss related to the fair value of the Company’s currency derivatives designated as cash flow hedges. The amount expected to be reclassified into Net earnings over the next twelve months is a gain of $0.2 million. The actual amounts that will be reclassified to Net earnings may vary from this amount as a result of changes in market conditions. Gains and losses associated with the Company’s currency derivatives not designated as hedges are recorded in Net earnings as changes in fair value occur. At June 30, 2017, the maximum term of the Company’s currency derivatives was less than one year.

Interest Rate Swaps

To manage the Company's exposure to fluctuations in LIBOR rates, the Company has forward starting interest rate swaps to fix the interest rate paid during the contract period for $525.0 million of the Company's variable rate Term

Loan A Facility. Swaps with notional amounts totaling $275.0 million expire in September 2017 and swaps effective in September 2017 with notional amounts totaling $250.0 million expire in December 2020.
These interest rate swaps met the criteria to be accounted for as cash flow hedges of variable rate interest payments. Consequently, the changes in fair value of the interest rate swaps were recognized in Accumulated other comprehensive loss. At June 30, 2017 and December 31, 2016, gains of $2.1 million and $2.6 million, net of tax, were recorded in Accumulated other comprehensive loss related to these interest rate swaps. No gains are expected to be reclassified into Net earnings over the next twelve months. The actual amounts that will be reclassified to Net earnings may vary from this amount as a result of changes in market conditions.

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

The fair values of derivative instruments included within the Condensed and Consolidated Balance Sheets were as follows:

In millions	Asset derivatives June 30, 2017	Asset derivatives December 31, 2016	Liability derivatives June 30, 2017	Liability derivatives December 31, 2016
Derivatives designated as hedges:				
Currency derivatives	$ —	$ 0.7	$ 0.8	$ 0.1
Interest rate swaps	3.4	4.6	—	0.4
Derivatives not designated as hedges:				
Currency derivatives	0.2	0.3	0.4	0.2
Total derivatives	$ 3.6	$ 5.6	$ 1.2	$ 0.7

Asset and liability currency derivatives included in the table above are recorded within Other current assets and Accrued expenses and other current liabilities, respectively. Asset and liability interest rate swap derivatives included in the table above are recorded within Other noncurrent assets and Accrued expenses and other current liabilities.

The amounts associated with derivatives designated as hedges affecting Net earnings and Accumulated other comprehensive loss for the three months ended June 30 were as follows:

In millions	Amount of gain (loss) recognized in Accumulated other comprehensive loss 2017	2016	Location of gain (loss) recognized in Net earnings	Amount of gain (loss) reclassified from Accumulated other comprehensive loss and recognized into Net earnings 2017	2016
Currency derivatives	$ 0.7	$ 1.9	Cost of goods sold	$ 1.9	$ 2.0
Interest rate swaps	(1.1)	(2.1)	Interest expense	—	—
Total	$ (0.4)	$ (0.2)		$ 1.9	$ 2.0

The amounts associated with derivatives designated as hedges affecting Net earnings and Accumulated other comprehensive loss for the six months ended June 30 were as follows:

In millions	Amount of gain (loss) recognized in Accumulated other comprehensive loss 2017	2016	Location of gain (loss) recognized in Net earnings	Amount of gain (loss) reclassified from Accumulated other comprehensive loss and recognized into Net earnings 2017	2016
Currency derivatives	$ 1.6	$ 2.3	Cost of goods sold	$ 3.0	$ 5.3
Interest rate swaps	(0.8)	(3.5)	Interest expense	—	—
Total	$ 0.8	$ (1.2)		$ 3.0	$ 5.3

The gains and losses associated with the Company's non-designated currency derivatives, which are offset by changes in the fair value of the underlying transactions, are included within Other income, net in the condensed and consolidated statements of comprehensive income.

Concentration of Credit Risk

The counterparties to the Company’s forward contracts and swaps consist of a number of investment grade major international financial institutions. The Company could be exposed to losses in the event of nonperformance by the counterparties. However, the credit ratings and the concentration of risk in these financial institutions are monitored on a continuous basis and present no significant credit risk to the Company.

9

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Note 10 – Pensions and Postretirement Benefits Other than Pensions

The Company sponsors several U.S. defined benefit and defined contribution plans covering substantially all of its U.S. employees. Additionally, the Company has non-U.S. defined benefit and defined contribution plans covering eligible non-U.S. employees. Postretirement benefits, other than pensions, provide healthcare benefits, and in some instances, life insurance benefits for certain eligible employees.

Pension Plans

The noncontributory defined benefit pension plans covering non-collectively bargained U.S. employees provide benefits on an average pay formula while most plans for collectively bargained U.S. employees provide benefits on a flat dollar benefit formula. The non-U.S. pension plans generally provide benefits based on earnings and years of service. The Company also maintains additional other supplemental plans for officers and other key employees.

The components of the Company’s net periodic pension benefit costs for the three and six months ended June 30 were as follows:

	U.S. Three months ended		Six months ended	
In millions	2017	2016	2017	2016