

CABOT MICROELECTRONICS CORP  
Form 10-Q  
May 08, 2015  
UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d)  
OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended

MARCH 31, 2015

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 000-30205

CABOT MICROELECTRONICS CORPORATION  
(Exact name of registrant as specified in its charter)

DELAWARE 36-4324765  
(State of Incorporation) (I.R.S. Employer Identification No.)

870 NORTH COMMONS DRIVE 60504  
AURORA, ILLINOIS (Zip Code)  
(Address of principal executive offices)

Registrant's telephone number, including area code: (630) 375-6631

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

YES NO

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (Section 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

YES NO

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

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Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

YES NO

As of April 30, 2015, the Company had 24,719,693 shares of Common Stock, par value \$0.001 per share, outstanding.

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CABOT MICROELECTRONICS CORPORATION

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ITEM 1.CABOT MICROELECTRONICS CORPORATION  
CONSOLIDATED STATEMENTS OF INCOME  
(Unaudited and in thousands, except per share amounts)

	Three Months Ended March 31,		Six Months Ended March 31,	
	2015	2014	2015	2014
Revenue	\$104,858	\$99,456	\$216,792	\$199,971
Cost of goods sold	50,182	52,931	105,142	105,732
Gross profit	54,676	46,525	111,650	94,239
Operating expenses:				
Research, development and technical	15,131	14,364	30,149	28,935
Selling and marketing	5,777	6,471	13,416	13,178
General and administrative	14,296	11,076	26,047	21,802
Total operating expenses	35,204	31,911	69,612	63,915
Operating income	19,472	14,614	42,038	30,324
Interest expense	1,059	843	1,965	1,715
Other income (expense), net	(332 )	103	725	720
Income before income taxes	18,081	13,874	40,798	29,329
Provision for income taxes	4,270	3,779	7,071	7,926
Net income	\$13,811	\$10,095	\$33,727	\$21,403
Basic earnings per share	\$0.57	\$0.42	\$1.40	\$0.89
Weighted average basic shares outstanding	24,057	23,982	23,845	23,775
Diluted earnings per share	\$0.55	\$0.40	\$1.36	\$0.86
Weighted average diluted shares outstanding	24,693	24,897	24,582	24,749

The accompanying notes are an integral part of these consolidated financial statements.

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CABOT MICROELECTRONICS CORPORATION  
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME  
(Unaudited and in thousands)

	Three Months		Six Months Ended	
	Ended March 31, 2015	2014	March 31, 2015	2014
Net income	\$13,811	\$10,095	\$33,727	\$21,403
Other comprehensive income (loss), net of tax:				
Foreign currency translation adjustments	48	(452 )	(8,284 )	(5,212 )
Net unrealized losses on cash flow hedges	(443 )	-	(612 )	-
Unrealized gain on investments	-	-	-	151
Other comprehensive income (loss), net of tax	(395 )	(452 )	(8,896 )	(5,061 )
Comprehensive income	\$13,416	\$9,643	\$24,831	\$16,342

The accompanying notes are an integral part of these consolidated financial statements.

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CABOT MICROELECTRONICS CORPORATION  
CONSOLIDATED BALANCE SHEETS  
(Unaudited and in thousands, except share amounts)

	March 31, 2015	September 30, 2014
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$333,651	\$284,155
Accounts receivable, less allowance for doubtful accounts of \$1,260 at March 31, 2015, and \$1,392 at September 30, 2014	55,812	60,693
Inventories, net	64,273	64,979
Prepaid expenses and other current assets	21,761	10,645
Deferred income taxes	8,050	7,521
Total current assets	483,547	427,993
Property, plant and equipment, net	94,508	100,821
Goodwill	42,289	43,245
Other intangible assets, net	5,878	7,163
Deferred income taxes	7,537	11,353
Other long-term assets	10,683	10,592
Total assets	\$644,442	\$601,167
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
Current liabilities:		
Accounts payable	\$16,019	\$15,304
Accrued expenses, income taxes payable and other current liabilities	31,615	31,394
Current portion of long-term debt	8,750	8,750
Total current liabilities	56,384	55,448
Long-term debt, net of current portion	159,688	164,063
Deferred income taxes	294	510
Other long-term liabilities	9,727	9,144
Total liabilities	226,093	229,165
Commitments and contingencies (Note 9)		
Stockholders' equity:		
Common Stock: Authorized: 200,000,000 shares, \$0.001 par value; Issued: 33,484,891 shares at March 31, 2015, and 31,927,601 shares at September 30, 2014	33	32
Capital in excess of par value of common stock	486,017	437,266
Retained earnings	261,669	227,942
Accumulated other comprehensive income	359	9,255
Treasury stock at cost, 8,721,971 shares at March 31, 2015, and 8,142,687 shares at September 30, 2014	(329,729)	(302,493)
Total stockholders' equity	418,349	372,002
Total liabilities and stockholders' equity	\$644,442	\$601,167

The accompanying notes are an integral part of these consolidated financial statements.

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CABOT MICROELECTRONICS CORPORATION  
CONSOLIDATED STATEMENTS OF CASH FLOWS  
(Unaudited and amounts in thousands)

	Six Months Ended March 31,	
	2015	2014
Cash flows from operating activities:		
Net income	\$33,727	\$21,403
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	9,303	9,908
Provision for doubtful accounts	(40 )	(219 )
Share-based compensation expense	8,706	7,791
Deferred income tax expense	4,966	1,437
Non-cash foreign exchange loss	531	45
Gain on disposal of property, plant and equipment	(100 )	(38 )
Impairment of long-lived assets	-	2,144
Other	(802 )	(294 )
Changes in operating assets and liabilities:		
Accounts receivable	2,747	773
Inventories	(1,688 )	(8,920 )
Prepaid expenses and other assets	(11,480 )	(3,339 )
Accounts payable	1,374	(1,603 )
Accrued expenses, income taxes payable and other liabilities	1,426	(14,665 )
Net cash provided by operating activities	48,670	14,423
Cash flows from investing activities:		
Additions to property, plant and equipment	(5,317 )	(7,340 )
Proceeds from the sale of property, plant and equipment	175	160
Proceeds from the sale of investments	-	2,130
Other investing activities	-	1,062
Net cash used in investing activities	(5,142 )	(3,988 )
Cash flows from financing activities:		
Repayment of long-term debt	(4,375 )	(4,375 )
Repurchases of common stock	(27,236 )	(30,072 )
Net proceeds from issuance of stock	33,630	35,908
Tax benefits associated with share-based compensation expense	6,113	2,246
Net cash provided by financing activities	8,132	3,707
Effect of exchange rate changes on cash	(2,164 )	(1,024 )
Increase in cash and cash equivalents	49,496	13,118
Cash and cash equivalents at beginning of period	284,155	226,029
Cash and cash equivalents at end of period	\$333,651	\$239,147
Supplemental disclosure of non-cash investing and financing activities:		
Purchases of property, plant and equipment in accrued liabilities and accounts payable at the end of the period	\$1,149	\$697
Issuance of restricted stock	9,924	7,785



The accompanying notes are an integral part of these consolidated financial statements.

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CABOT MICROELECTRONICS CORPORATION  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
(Unaudited and in thousands, except share and per share amounts)

## 1. BACKGROUND AND BASIS OF PRESENTATION

Cabot Microelectronics Corporation ("Cabot Microelectronics", "the Company", "us", "we" or "our") supplies high-performance polishing slurries and pads used in the manufacture of advanced integrated circuit (IC) devices within the semiconductor industry, in a process called chemical mechanical planarization (CMP). CMP is a polishing process used by IC device manufacturers to planarize or flatten many of the multiple layers of material that are deposited upon silicon wafers in the production of advanced ICs. Our products play a critical role in the production of advanced IC devices, thereby enabling our customers to produce smaller, faster and more complex IC devices with fewer defects. We develop, produce and sell CMP slurries for polishing many of the conducting and insulating materials used in IC devices, and also for polishing the disk substrates and magnetic heads used in hard disk drives. We also develop, manufacture and sell CMP polishing pads, which are used in conjunction with slurries in the CMP process. We also pursue other demanding surface modification applications through our Engineered Surface Finishes (ESF) business where we believe we can leverage our expertise in CMP consumables for the semiconductor industry to develop products for demanding polishing applications in other industries. For additional information, refer to Part 1, Item 1, "Business", in our Annual Report on Form 10-K for the fiscal year ended September 30, 2014.

The unaudited consolidated financial statements have been prepared by Cabot Microelectronics Corporation pursuant to the rules of the Securities and Exchange Commission (SEC) and accounting principles generally accepted in the United States of America. In the opinion of management, these unaudited consolidated financial statements include all adjustments, consisting of only normal recurring adjustments, necessary for the fair presentation of Cabot Microelectronics' financial position as of March 31, 2015, cash flows for the six months ended March 31, 2015, and March 31, 2014, and results of operations for the three and six months ended March 31, 2015, and March 31, 2014. The consolidated balance sheet as of September 30, 2014 was derived from audited annual financial statements, but does not contain all of the footnote disclosures from the annual financial statements. The results of operations for the three and six months ended March 31, 2015 may not be indicative of results to be expected for future periods, including the fiscal year ending September 30, 2015. These unaudited consolidated financial statements should be read in conjunction with the consolidated financial statements and related notes thereto included in Cabot Microelectronics' Annual Report on Form 10-K for the fiscal year ended September 30, 2014.

In conjunction with our financial statement revision, which was discussed in our Annual Report on Form 10-K for the fiscal year ended September 30, 2014, we have reclassified \$459 between prepaid expense and income taxes payable within the cash flow from operating activities section of the Consolidated Statement of Cash Flows for the period ended March 31, 2014. The consolidated financial statements include the accounts of Cabot Microelectronics and its subsidiaries. All intercompany transactions and balances between the companies have been eliminated as of March 31, 2015.

## 2. FAIR VALUE OF FINANCIAL INSTRUMENTS

Fair value is defined as the price that would be received from the sale of an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. The FASB established a three-level hierarchy for disclosure based on the extent and level of judgment used to estimate fair value. Level 1 inputs consist of valuations based on quoted market prices in active markets for identical assets or liabilities. Level 2 inputs consist of valuations based on quoted prices

for similar assets or liabilities, quoted prices for identical assets or liabilities in an inactive market, or other observable inputs. Level 3 inputs consist of valuations based on unobservable inputs that are supported by little or no market activity.

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The following table presents financial instruments, other than long-term debt, that we measured at fair value on a recurring basis at March 31, 2015 and September 30, 2014. See Note 7 for a detailed discussion of our long-term debt. We have classified the following assets and liabilities in accordance with the fair value hierarchy set forth in the applicable standards. In instances where the inputs used to measure the fair value of an asset fall into more than one level of the hierarchy, we have classified them based on the lowest level input that is significant to the determination of the fair value.

		Level	Level	Total
	Level 1	2	3	Fair Value
March 31, 2015				
Assets:				
Cash and cash equivalents	\$333,651	\$-	\$-	\$333,651
Other long-term investments	1,851			1,851
Derivative financial instruments	-	121	-	121
Total assets	\$335,502	\$121	\$-	\$335,623
Liabilities:				
Derivative financial instruments	-	985	-	985
Total liabilities	\$-	\$985	\$-	\$985

		Level	Level	Total
	Level 1	2	3	Fair Value
September 30, 2014				
Assets:				
Cash and cash equivalents	\$284,155	\$-	\$-	\$284,155
Other long-term investments	1,654			1,654
Derivative financial instruments	-	100	-	100
Total assets	\$285,809	\$100	\$-	\$285,909
Liabilities:				
Derivative financial instruments	-	270	-	270
Total liabilities	\$-	\$270	\$-	\$270

Our cash and cash equivalents consist of various bank accounts used to support our operations and investments in institutional money-market funds which are traded in active markets. The other long-term investments are included in other long-term assets on our Consolidated Balance Sheet. Our other long-term investments represent the fair value of investments under the Cabot Microelectronics Supplemental Employee Retirement Plan (SERP), which is a nonqualified supplemental savings plan. The fair value of the investments is determined through quoted market prices within actively traded markets. Although the investments are allocated to individual participants and investment decisions are made solely by those participants, the SERP is a nonqualified plan. Consequently, the Company owns the assets and the related offsetting liability for disbursement until such time a participant makes a qualifying withdrawal. The long-term asset was adjusted to \$1,851 in the second quarter of fiscal 2015 to reflect its fair value as of March 31, 2015.

Our derivative financial instruments include forward foreign exchange contracts and interest rate swaps. In the first quarter of fiscal 2015, we entered into floating-to-fixed interest rate swap agreements to hedge the variability in LIBOR-based interest payments on a portion of our outstanding variable rate debt. These interest rate swaps represent

our primary use of derivative financial instruments. The fair value of our derivative instruments is estimated using standard valuation models using market-based observable inputs over the contractual term, including one-month LIBOR-based yield curves, among others. We consider the risk of nonperformance, including counterparty credit risk, in the calculation of the fair value of derivative financial instruments. See Note 8 of this Form 10-Q for more information on our use of derivative financial instruments.

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## 3. INVENTORIES, NET

Inventories, net consisted of the following:

	March 31, 2015	September 30, 2014
Raw materials	\$35,311	\$ 37,009
Work in process	5,663	4,505
Finished goods	23,299	23,465
Total	\$64,273	\$ 64,979

## 4. GOODWILL AND OTHER INTANGIBLE ASSETS

Goodwill was \$42,289 as of March 31, 2015, and \$43,245 as of September 30, 2014. The decrease in goodwill was due to foreign exchange fluctuations of the New Taiwan dollar.

The components of other intangible assets are as follows:

	March 31, 2015		September 30, 2014	
	Gross Carrying Amount	Accumulated Amortization	Gross Carrying Amount	Accumulated Amortization
Other intangible assets subject to amortization:				
Product technology	\$8,201	\$ 7,159	\$8,278	\$ 6,750
Acquired patents and licenses	8,270	7,689	8,270	7,534
Trade secrets and know-how	2,550	2,550	2,550	2,550
Customer relationships, distribution rights and other	11,920	8,855	12,193	8,484
Total other intangible assets subject to amortization	30,941	26,253	31,291	25,318
Total other intangible assets not subject to amortization*	1,190		1,190	
Total other intangible assets	\$32,131	\$ 26,253	\$32,481	\$ 25,318

\*Total other intangible assets not subject to amortization consist primarily of trade names.

Amortization expense on our other intangible assets was \$582 and \$1,175 for the three and six months ended March 31, 2015, respectively. Amortization expense on our other intangible assets was \$613 and \$1,269 for the three and six months ended March 31, 2014, respectively. Estimated future amortization expense for the five succeeding fiscal years is as follows:

Fiscal Year	Estimated Amortization Expense
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Remainder of 2015	\$ 1,172
2016	1,939
2017	1,118
2018	441
2019	11

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Goodwill and indefinite-lived intangible assets are tested for impairment annually in the fourth quarter of the fiscal year or more frequently if indicators of potential impairment exist, using a fair-value-based approach. The recoverability of goodwill is measured at the reporting unit level, which is defined as either an operating segment or one level below an operating segment. An entity has the option to assess the fair value of a reporting unit either using a qualitative analysis (“step zero”) or a discounted cash flow analysis (“step one”). Similarly, an entity has the option to use a step zero or a step one approach to determine the recoverability of indefinite-lived intangible assets. In fiscal 2014, we chose to use a step one analysis for both goodwill impairment and for indefinite-lived intangible asset impairment.

We completed our annual impairment test during our fourth quarter of fiscal 2014 and concluded that no impairment existed. There were no indicators of potential impairment during the six months ended March 31, 2015, so it was not necessary to perform an impairment review for goodwill and indefinite-lived intangible assets during the quarter. There have been no cumulative impairment charges recorded on the goodwill for any of our reporting units.

## 5. OTHER LONG-TERM ASSETS

Other long-term assets consisted of the following:

	March 31, 2015	September 30, 2014
Auction rate securities (ARS)	\$5,895	\$ 5,895
Other long-term assets	2,937	3,043
Other long-term investments	1,851	1,654
Total	\$10,683	\$ 10,592

We classify our ARS investments as held-to-maturity and have recorded them at cost. Our ARS investments at March 31, 2015 consisted of two tax exempt municipal debt securities with a total par value of \$5,895, both of which have maturities greater than ten years. The ARS market began to experience illiquidity in early 2008, and this illiquidity continues. Despite this lack of liquidity, there have been no defaults in payment of the underlying securities and interest income on these holdings continues to be received on scheduled interest payment dates. Our ARS, when purchased, were issued by A-rated municipalities. Although the credit ratings of both municipalities have been downgraded since our original investment, one of the ARS is credit enhanced with bond insurance, and the other has become an obligation of the bond insurer. Both ARS currently carry a credit rating of AA- by Standard & Poor’s.

The fair value of our ARS, determined using level 2 fair value inputs, was \$5,317 as of March 31, 2015. We have classified our ARS as held-to-maturity based on our intention and ability to hold the securities until maturity. We believe the gross unrecognized loss of \$578 is due to the illiquidity in the ARS market, rather than to credit loss. We will continue to monitor our ARS for impairment indicators, which may require us to record an impairment charge that is deemed other-than-temporary. In November 2011, the municipality that issued one of our ARS filed for bankruptcy protection. As a result of the approval of the municipality’s reorganization plan, and our voting elections, we received 65% of the par value outstanding, or \$2,113, during the quarter ended December 31, 2013, and we reversed the \$234 temporary impairment that we previously recorded.



Other long-term assets are comprised of the long-term portion of prepaid unamortized debt costs as well as miscellaneous deposits and prepayments on contracts extending beyond the next 12 months. As discussed in Note 2, we recorded a long-term asset and a corresponding long-term liability of \$1,851 representing the fair value of our SERP investments as of March 31, 2015.

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## 6. ACCRUED EXPENSES, INCOME TAXES PAYABLE AND OTHER CURRENT LIABILITIES

Accrued expenses, income taxes payable and other current liabilities consisted of the following:

	March 31, 2015	September 30, 2014
Accrued compensation	\$17,915	\$ 16,980
Goods and services received, not yet invoiced	1,968	3,167
Deferred revenue and customer advances	489	1,223
Warranty accrual	238	246
Income taxes payable	5,376	5,448
Taxes, other than income taxes	1,778	1,182
Other accrued expenses	3,851	3,148
Total	\$31,615	\$ 31,394

Accrued compensation at March 31, 2015 includes \$1,377 for severance payments to be made to three executive officers who resigned from their positions.

## 7. DEBT

On February 13, 2012, we entered into a credit agreement (the "Credit Agreement") among the Company, as Borrower, Bank of America, N.A., as administrative agent, swing line lender and an L/C issuer, Bank of America Merrill Lynch and J.P. Morgan Securities LLC, as joint lead arrangers and joint book managers, JPMorgan Chase Bank, N.A., as syndication agent, and Wells Fargo Bank, N.A. as documentation agent. The Credit Agreement provided us with a \$175,000 term loan (the "Term Loan"), which we drew on February 27, 2012 to fund approximately half of the special cash dividend we paid to our stockholders on March 1, 2012, and a \$100,000 revolving credit facility (the "Revolving Credit Facility"), which has never been drawn, with sub-limits for multicurrency borrowings, letters of credit and swing-line loans. The Term Loan and the Revolving Credit Facility are referred to as the "Credit Facilities." On June 27, 2014, we entered into an amendment (the "Amendment") to the Credit Agreement, which (i) increased term loan commitments by \$17,500, from \$157,500 to \$175,000, the same level as the original amount under the Credit Agreement at its inception in 2012; (ii) increased the uncommitted accordion feature on the Revolving Credit Facility from \$75,000 to \$100,000; (iii) extended the expiration date of the Credit Facilities from February 13, 2017 to June 27, 2019; (iv) relaxed the consolidated leverage ratio financial covenant; and (v) revised certain pricing terms and other terms within the Credit Agreement. On June 27, 2014, we drew the \$17,500 of increased term loan commitments, bringing the total outstanding commitments under the Term Loan to \$175,000.

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Borrowings under the amended Credit Facilities (other than in respect of swing-line loans) bear interest at a rate per annum equal to the “Applicable Rate” (as defined below) plus, at our option, either (1) a LIBOR rate determined by reference to the cost of funds for deposits in the relevant currency for the interest period relevant to such borrowing or (2) the “Base Rate”, which is the highest of (x) the prime rate of Bank of America, N.A., (y) the federal funds rate plus 1/2 of 1.00% and (z) the one-month LIBOR rate plus 1.00%. The current Applicable Rate for borrowings under the Credit Facilities is 1.50% with respect to LIBOR borrowings and 0.25% with respect to Base Rate borrowings, with such Applicable Rate subject to adjustment based on our consolidated leverage ratio. Swing-line loans bear interest at the Base Rate plus the Applicable Rate for Base Rate loans under the Revolving Credit Facility. In addition to paying interest on outstanding principal under the Credit Agreement, we pay a commitment fee to the lenders under the Revolving Credit Facility in respect of the unutilized commitments thereunder. The fee ranges from 0.20% to 0.30%, based on our consolidated leverage ratio. Interest expense and commitment fees are paid according to the relevant interest period and no less frequently than at the end of each calendar quarter. We paid \$2,658 in arrangement fees, upfront fees and administration fees in February 2012 and we paid an additional \$550 in upfront fees and arrangement fees in June 2014, of which \$397 remains in prepaid expenses and other current assets and \$1,271 remains in other long-term assets on our Consolidated Balance Sheet as of March 31, 2015. We also pay letter of credit fees as necessary. The Term Loan has periodic scheduled repayments; however, we may voluntarily prepay the Credit Facilities without premium or penalty, subject to customary “breakage” fees and reemployment costs in the case of LIBOR borrowings. All obligations under the Credit Agreement are guaranteed by certain of our existing and future direct and indirect domestic subsidiaries. The obligations under the Credit Agreement and guarantees of those obligations are secured, subject to certain exceptions, by first priority liens and security interests in the assets of the Company and certain of its domestic subsidiaries.

In the first quarter of fiscal 2015, we entered into interest rate swap agreements that have the economic effect of converting fifty percent of our variable rate debt into fixed rate debt at a weighted average fixed rate of 1.5% plus the Applicable Rate defined above. See Notes 2 and 8 for additional information on the interest rate swap agreements.

The Credit Agreement contains covenants that restrict the ability of the Company and its subsidiaries to take certain actions, including, among other things and subject to certain significant exceptions: creating liens, incurring indebtedness, making investments, engaging in mergers, selling property, paying dividends or amending organizational documents. The Credit Agreement requires us to comply with certain financial ratio maintenance covenants. These include a maximum consolidated leverage ratio of 3.00 to 1.00 through December 31, 2015 and a minimum consolidated fixed charge coverage ratio of 1.25 to 1.00. The maximum consolidated leverage ratio will decrease to 2.75 to 1.00 from January 1, 2016 through the expiration of the Credit Agreement. As of March 31, 2015, our consolidated leverage ratio was 1.47 to 1.00 and our consolidated fixed charge coverage ratio was 7.41 to 1.00. The Credit Agreement also contains customary affirmative covenants and events of default. We believe we are in compliance with these covenants.

At March 31, 2015, the fair value of the Term Loan, using level 2 inputs, approximates its carrying value of \$168,438 as the loan bears a floating market rate of interest. As of March 31, 2015, \$8,750 of the debt outstanding is classified as short-term.

Principal repayments of the Term Loan are generally made on the last calendar day of each quarter if that day is considered to be a business day. As of March 31, 2015, scheduled principal repayments of the Term Loan were as follows:

Fiscal Year	Principal Repayments
Remainder of 2015	\$ 4,375

2016	8,750
2017	7,656
2018	14,219
2019	133,438
Total	\$ 168,438

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## 8. DERIVATIVE FINANCIAL INSTRUMENTS

We are exposed to various market risks, including risks associated with interest rates and foreign currency exchange rates. We enter into certain derivative transactions to mitigate the volatility associated with these exposures. We have policies in place that define acceptable instrument types we may enter into and we have established controls to limit our market risk exposure. We do not use derivative financial instruments for trading or speculative purposes. In addition, all derivatives, whether designated in hedging relationships or not, are required to be recorded on the balance sheet at fair value on a gross basis.

Cash Flow Hedges – Interest Rate Swap Agreements

In the first quarter of fiscal 2015, we entered into floating-to-fixed interest rate swap agreements to hedge the variability in LIBOR-based interest payments on \$86,406 of our outstanding variable rate debt. The notional amount of the swaps decreases each quarter by an amount in proportion to our scheduled quarterly principal payment of debt. The notional value of the swaps was \$84,219 as of March 31, 2015, and the swaps are scheduled to expire on June 27, 2019.

We have designated these swap agreements as cash flow hedges pursuant to ASC 815, “Derivatives and Hedging”. As cash flow hedges, unrealized gains are recognized as assets and unrealized losses are recognized as liabilities. Unrealized gains and losses are designated as effective or ineffective based on a comparison of the changes in fair value of the interest rate swaps and changes in fair value of the underlying exposures being hedged. The effective portion is recorded as a component of accumulated other comprehensive income or loss, while the ineffective portion is recorded as a component of interest expense. Changes in the method by which we pay interest from one-month LIBOR to another rate of interest could create ineffectiveness in the swaps, and result in amounts being reclassified from other comprehensive income into net income. Hedge effectiveness is tested quarterly to determine if hedge treatment is appropriate.

Foreign Currency Contracts Not Designated as Hedges

Periodically we enter into forward foreign exchange contracts in an effort to mitigate the risks associated with currency fluctuations on certain foreign currency balance sheet exposures. Our foreign exchange contracts do not qualify for hedge accounting; therefore, the gains and losses resulting from the impact of currency exchange rate movements on our forward foreign exchange contracts are recognized as other income or expense in the accompanying consolidated income statements in the period in which the exchange rates change. As of March 31, 2015 and September 30, 2014, respectively, the notional amounts of the forward contracts we held to purchase U.S. dollars in exchange for other international currencies were \$2,130 and \$4,695, respectively, and the notional amounts of forward contracts we held to sell U.S. dollars in exchange for other international currencies were \$25,240 and \$18,425, respectively.

The fair value of our derivative instruments included in the Consolidated Balance Sheet, which was determined using level 2 inputs, was as follows:

Balance Sheet Location	Asset		Liability	
	Derivatives	Derivatives	Derivatives	Derivatives
	March 31,	September 30,	March 31,	September 30,
	2015	2014	2015	2014

Derivatives designated as hedging instruments

Interest rate swap contracts	Other noncurrent assets	\$11	\$ -	\$-	\$ -
	Accrued expenses and other current liabilities	\$-	\$ -	\$950	\$ -
	Other long-term liabilities	\$-	\$ -	\$11	\$ -

Derivatives not designated as hedging instruments

Foreign exchange contracts	Prepaid expenses and other current assets	\$110	\$ 100	\$-	\$ -
	Accrued expenses and other current liabilities	\$-	\$ -	\$24	\$ 270

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The following table summarizes the effect of our derivative instruments on our Consolidated Statement of Income for the three and six months ended March 31, 2015 and 2014:

Statement of Income Location	Gain (Loss) Recognized in Statement of Income					
	Three Months		Six Months			
	Ended	Ended	Ended	Ended		
	March 31, 2015	March 31, 2014	March 31, 2015	March 31, 2014		
Derivatives not designated as hedging instruments						
Foreign exchange contracts		Other income (expense), net	\$(344)	\$ 55	\$(1,680)	\$(337)

The interest rate swap agreements were deemed to be effective since inception, so there was no impact on our Consolidated Statement of Income. We recorded a \$612 unrealized loss, net of tax, in accumulated comprehensive income during the six months ended March 31, 2015 for these interest rate swaps. During the next 12 months, we expect approximately \$961 to be reclassified from accumulated other comprehensive income into interest expense related to our interest rate swaps as the fixed interest rate on our interest rate swaps is expected to be higher than the variable interest rate on our outstanding debt.

## 9.COMMITMENTS AND CONTINGENCIES

### LEGAL PROCEEDINGS

While we are not involved in any legal proceedings that we believe will have a material impact on our consolidated financial position, results of operations or cash flows, we periodically become a party to legal proceedings in the ordinary course of business.

Refer to Note 16 of “Notes to the Consolidated Financial Statements” in Item 8 of Part II of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014, for additional information regarding commitments and contingencies.

### PRODUCT WARRANTIES

We maintain a warranty reserve that reflects management’s best estimate of the cost to replace product that does not meet our specifications and customers’ performance requirements, and costs related to such replacement. The warranty reserve is based upon a historical product replacement rate, adjusted for any specific known conditions or circumstances. Additions and deductions to the warranty reserve are recorded in cost of goods sold. Our warranty reserve activity during the first six months of fiscal 2015 was as follows:

Balance as of September 30, 2014	\$246
Reserve for product warranty during the reporting period	317
Settlement of warranty	(325)
Balance as of March 31, 2015	\$238

## PURCHASE OBLIGATIONS

Purchase obligations include our take-or-pay arrangements with suppliers, and purchase orders and other obligations entered into in the normal course of business regarding the purchase of goods and services. We operate under a fumed silica supply agreement with Cabot Corporation, our former parent company which is not a related party, which requires us to purchase certain minimum quantities of fumed silica each year of the agreement, and to pay a shortfall if we purchase less than the minimum. The agreement became effective as of January 1, 2013 with an initial term of four years. As of March 31, 2015, purchase obligations include \$61,088 of contractual commitments related to our Cabot Corporation supply agreement for fumed silica.



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## POSTRETIREMENT OBLIGATIONS IN FOREIGN JURISDICTIONS

We have unfunded defined benefit plans covering employees in certain foreign jurisdictions as required by local law. Benefit costs, consisting primarily of service costs, are recorded as fringe benefit expense under cost of goods sold and operating expenses in our Consolidated Statements of Income. The projected benefit obligations and accumulated benefit obligations under all such unfunded plans are updated annually during the fourth quarter of the fiscal year. Benefit payments under all such unfunded plans to be paid over the next 10 years are expected to be immaterial. For more information regarding these plans, refer to Note 16 of "Notes to the Consolidated Financial Statements" included in Item 8 of Part II of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014.

## 10. ACCUMULATED OTHER COMPREHENSIVE INCOME

The components of accumulated other comprehensive income (AOCI), including the reclassification adjustments for items that are reclassified from AOCI to net income, are shown below:

	Foreign Currency Translation Adjustment	Unrealized Gain (Loss) on Cash Flow Hedges	Pension and Other Postretirement Liabilities	Unrealized Gain (Loss) on Marketable Securities	Accumulated Other Comprehensive Income
Balance September 30, 2014	\$ 10,115	\$ -	\$ (860 )	\$ -	\$ 9,255
Increase (decrease) in OCI	(10,074 )	(1,339 )	-	-	(11,413 )
Reclassifications	-	389	-	-	389
Income tax benefit (expense)	1,790	338	-	-	2,128
Balance March 31, 2015	\$ 1,831	\$ (612 )	\$ (860 )	\$ -	\$ 359

	Foreign Currency Translation Adjustment	Unrealized Gain (Loss) on Cash Flow Hedges	Pension and Other Postretirement Liabilities	Unrealized Gain (Loss) on Marketable Securities	Accumulated Other Comprehensive Income
Balance September 30, 2013	\$ 18,251	\$ -	\$ (664 )	\$ (151 )	\$ 17,436
Increase (decrease) in OCI	(5,874 )	-	-	234	(5,640 )
Reclassifications	-	-	-	-	-
Income tax benefit (expense)	662	-	-	(83 )	579
Balance March 31, 2014	\$ 13,039	\$ -	\$ (664 )	\$ -	\$ 12,375

Changes in our pension and postretirement liabilities are not material on a quarterly basis, so we record the annual change in accumulated other comprehensive income in the fourth quarter of our fiscal year.



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## 11. SHARE-BASED COMPENSATION PLANS

We issue share-based awards under the following programs: our Cabot Microelectronics Corporation 2012 Omnibus Incentive Plan (OIP); our Cabot Microelectronics Corporation 2007 Employee Stock Purchase Plan, as Amended and Restated January 1, 2010 (ESPP); and pursuant to the OIP, our Directors' Deferred Compensation Plan, as amended September 23, 2008 (DDCP), and our 2001 Executive Officer Deposit Share Program (DSP). Prior to March 2012, when our stockholders approved the OIP, we issued share-based payments under our Second Amended and Restated Cabot Microelectronics Corporation 2000 Equity Incentive Plan, as amended and restated September 23, 2008 (EIP); our ESPP, and, pursuant to the EIP, the DDCP and DSP. For additional information regarding these programs, refer to Note 11 of "Notes to the Consolidated Financial Statements" included in Item 8 of Part II of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014. Other than the ESPP, all share-based payments granted beginning March 6, 2012 are made from the OIP, and the EIP is no longer available for any awards.

We record share-based compensation expense for all share-based awards, including stock option grants, restricted stock and restricted stock unit awards and employee stock purchase plan purchases. We calculate share-based compensation expense using the straight-line approach based on awards ultimately expected to vest, which requires the use of an estimated forfeiture rate. Our estimated forfeiture rate is primarily based on historical experience, but may be revised in future periods if actual forfeitures differ from the estimate. We use the Black-Scholes option-pricing model to estimate the grant date fair value of our stock options and employee stock purchase plan purchases. This model requires the input of highly subjective assumptions, including the price volatility of the underlying stock, the expected term of our stock options and the risk-free interest rate. We estimate the expected volatility of our stock options based on a combination of our stock's historical volatility and the implied volatilities from actively-traded options on our stock. We calculate the expected term of our stock options using historical stock option exercise data, and we add a slight premium to this expected term for employees who meet the definition of retirement eligible pursuant to their grants during the contractual term of the grant. The risk-free interest rate is derived from the U.S. Treasury yield curve in effect at the time of grant.

Share-based compensation expense for the three and six months ended March 31, 2015, and 2014, was as follows:

	Three Months Ended March 31, 2015		Six Months Ended March 31, 2014	
Cost of goods sold	\$463	\$449	\$961	\$929
Research, development and technical	384	352	799	718
Selling and marketing	248	307	568	660
General and administrative	4,204	3,317	6,378	5,484
Total share-based compensation expense	5,299	4,425	8,706	7,791
Tax benefit	(1,842)	(1,593)	(2,964)	(2,685)
Total share-based compensation expense, net of tax	\$3,457	\$2,832	\$5,742	\$5,106

Our non-employee directors received annual equity awards in March 2015, pursuant to the OIP. The award agreements provide for immediate vesting of the award at the time of termination of service for any reason other than by reason of Cause, Death, Disability or a Change in Control, as defined in the OIP, if at such time the non-employee director has completed an equivalent of at least two full terms as a director of the Company, as defined in the Company's bylaws. Six of the Company's non-employee directors had completed at least two full terms of service as of the date of the March 2015 award. Consequently, the requisite service period for the award has already been

satisfied and we recorded the fair value of \$1,308 of the awards to these six directors to share-based compensation expense in the fiscal quarter ended March 31, 2015 rather than recording that expense over the one-year vesting period stated in the award agreement, as is done for the other non-employee director who received an annual equity award in March 2015.

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As previously disclosed in our Current Report on Form 8-K, filed on December 16, 2014, we announced that effective January 1, 2015, William P. Noglows would cease to serve as our President and Chief Executive Officer, and continue to serve only as the Executive Chairman of our Board of Directors until at least December 31, 2015. Under an employment letter with the Company dated December 12, 2014, filed as an exhibit to our Form 10-Q for the quarter ended December 31, 2014, all unvested stock options and restricted stock held by Mr. Noglows as of the date of his termination of service as Executive Chairman will vest in full, according to terms of, and if all service requirements under, the employment letter have been met. We applied the accounting guidance under Accounting Standards Codification (ASC) Topic 718 "Stock Compensation" to determine the additional share-based compensation expense to be recorded as part of the modification of the outstanding equity in the likely event that Mr. Noglows' service as Executive Chairman terminates according to the terms of the employment letter prior to the scheduled vesting of such equity. The additional share-based compensation expense was determined to be \$378, which is being recorded ratably between December 12, 2014, the date of the modification, and December 31, 2015, the likely date of his termination of service. In addition, the original fair value of his unvested equity totaling \$5,033 is being recorded ratably between the date of modification and December 31, 2015, rather than over the original vesting period.

For additional information regarding the estimation of fair value, refer to Note 11 of "Notes to the Consolidated Financial Statements" included in Item 8 of Part II of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014.

## 12. OTHER INCOME (EXPENSE), NET

Other income (expense), net, consisted of the following:

	Three Months Ended March 31, 2015		Six Months Ended March 31, 2014	
Interest income	\$45	\$21	\$148	\$79
Other income (expense)	(377)	82	577	641
Total other income, net	\$(332)	\$103	\$725	\$720

Other income (expense) primarily represents gains and losses recorded on transactions denominated in foreign currencies. The increase in other expense during the quarter ended March 31, 2015 was primarily due to the impact of foreign currency fluctuations on monetary assets and liabilities denominated in currencies other than the functional currency, net of the gains and losses incurred on forward foreign exchange contracts discussed in Note 8.

## 13. INCOME TAXES

Our effective income tax rate was 23.6% and 17.3% for the three and six months ended March 31, 2015 compared to a 27.2% and 27.0% effective income tax rate for the three and six months ended March 31, 2014. The decrease in the

effective tax rate during the first six months of fiscal 2015 was primarily due to lower income tax expense on foreign earnings and the reinstatement of the U.S. research and experimentation tax credit retroactive to January 1, 2014. The retroactive reinstatement of the tax credit reduced our income tax expense for the six months by approximately \$1,124. The Company is currently operating under a tax holiday in South Korea in conjunction with our investment in research, development and manufacturing facilities there. This arrangement allows for a 0% tax rate in fiscal years 2013, 2014 and 2015, and tax at 50% of the local statutory rate in effect for fiscal years 2016 and 2017. This tax holiday reduced our income tax provision by approximately \$2,260 and \$1,643 in the first six months of fiscal 2015 and 2014, respectively.

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## 14. EARNINGS PER SHARE

Basic earnings per share (EPS) is calculated by dividing net income available to common stockholders by the weighted-average number of common shares outstanding during the period, excluding the effects of unvested restricted stock awards with a right to receive non-forfeitable dividends, which are considered participating securities as prescribed by the two-class method under ASC 260. Diluted EPS is calculated in a similar manner, but the weighted-average number of common shares outstanding during the period is increased to include the weighted-average dilutive effect of “in-the-money” stock options and unvested restricted stock shares using the treasury stock method.

The standards of accounting for earnings per share require companies to provide a reconciliation of the numerator and denominator of the basic and diluted earnings per share computations. Basic and diluted earnings per share were calculated as follows:

	Three Months Ended March 31,		Six Months Ended March 31,	
	2015	2014	2015	2014
Numerator:				
Net Income	\$13,811	\$10,095	\$33,727	\$21,403
Less: income attributable to participating securities	(183)	(133)	(330)	(203)
Earnings available to common shares	\$13,628	\$9,962	\$33,397	\$21,200
Denominator:				
Weighted average common shares (Denominator for basic calculation)	24,056,881	23,981,506	23,845,012	23,775,049
Weighted average effect of dilutive securities:				
Share-based compensation	636,000	915,831	737,382	973,992
Diluted weighted average common shares (Denominator for diluted calculation)	24,692,881	24,897,337	24,582,394	24,749,041
Earnings per share:				
Basic	\$0.57	\$0.42	\$1.40	\$0.89
Diluted	\$0.55	\$0.40	\$1.36	\$0.86

For each of the three and six months ended March 31, 2015 and 2014, approximately 0.8 million and 0.5 million shares, respectively, attributable to outstanding stock options were excluded from the calculation of diluted earnings per share because the exercise price of the options was greater than the average market price of our common stock and, therefore, their inclusion would have been anti-dilutive.

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## 15. FINANCIAL INFORMATION BY INDUSTRY SEGMENT AND PRODUCT LINE

We operate predominantly in one reportable segment, as defined under ASC 280 – the development, manufacture, and sale of CMP consumables.

Revenue generated by product line for the three and six months ended March 31, 2015, and 2014, was as follows:

	Three Months		Six Months Ended	
	Ended		March 31,	
Revenue:	2015	2014	2015	2014
Tungsten slurries	\$43,658	\$37,559	\$88,802	\$74,928
Dielectric slurries	23,882	29,121	52,065	59,067
Other Metals slurries	18,331	17,336	38,228	35,141
Polishing pads	8,841	7,760	17,603	15,170
Engineered Surface Finishes	6,212	3,194	11,794	6,197
Data Storage slurries	3,934	4,486	8,300	9,468
Total revenue	\$104,858	\$99,456	\$216,792	\$199,971

## 16. NEW ACCOUNTING PRONOUNCEMENTS

In July 2013, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2013-11, “Income Taxes (Topic 740) – Presentation of an Unrecognized Tax Benefit When a Net Operating Loss Carryforward, a Similar Tax Loss, or a Tax Credit Carryforward Exists” (ASU 2013-11). The provisions of ASU 2013-11 require an entity to present an unrecognized tax benefit, or a portion of an unrecognized tax benefit, as a reduction to a deferred tax asset for a net operating loss carryforward, a similar tax loss, or a tax credit carryforward when the related deferred tax asset is available to be utilized. ASU 2013-11 was effective for us beginning October 1, 2014. The adoption of ASU 2013-11 had no impact on our financial statements as we have no such unrecognized tax benefits.

In May 2014, the FASB issued ASU No. 2014-09, “Revenue from Contracts with Customers” (Topic 606), an updated standard on revenue recognition. ASU 2014-09 provides enhancements to how revenue is reported and improves comparability in the financial statements of companies reporting using IFRS and US GAAP. The core principle of the new standard is for companies to recognize revenue for goods or services in amounts that reflect the consideration to which the company expects to be entitled in exchange for those goods or services. The new standard is intended to enhance disclosures about revenue, provide guidance for transactions that were not previously addressed comprehensively, such as service revenue and contract modifications, and improve guidance for multiple-element arrangements. ASU 2014-09 will be effective for us beginning October 1, 2017, and may be applied on a full retrospective or modified retrospective approach. The FASB has proposed a one year deferral of the effective date of this standard, but that deferral has not yet been approved. We are evaluating the impact of implementation of this standard on our financial statements.

In June 2014, the FASB issued ASU No. 2014-12, “Accounting for Share-Based Payments When the Terms of an Award Provide that a Performance Target Could be Achieved after the Requisite Service Period” (Topic 718). ASU 2014-12 requires that a performance target that affects vesting and that could be achieved after the requisite service



period be treated as a performance condition. As such, the performance target should not be reflected in estimating the grant date fair value of an award, and compensation cost should be recognized in the period in which it becomes probable that the performance target will be achieved. The compensation cost should represent the amount attributable to the periods for which the requisite service has been rendered. ASU 2014-12 will be effective for us beginning October 1, 2016 and may be applied on a prospective or retrospective basis. We do not expect the implementation of this standard to have a material effect on our financial statements as we have not granted any awards with a performance condition.

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In November 2014, the FASB issued ASU No. 2014-17, “Pushdown Accounting, a Consensus of the FASB Emerging Issues Task Force” (Topic 805). ASU 2014-17 provides an acquired entity with an option to apply pushdown accounting in its separate financial statements upon occurrence of an event in which an acquirer obtains control of the acquired entity. ASU 2014-17 was effective for us beginning in November 2014. The adoption of ASU 2014-17 had no impact as we have not acquired any entities that issue separate financial statements.

In January 2015, the FASB issued ASU No. 2015-01, “Simplifying Income Statement Presentation by Eliminating the Concept of Extraordinary Items” (Subtopic 225-20). ASU 2015-01 eliminates the concept of extraordinary items from U.S. GAAP, so an entity no longer needs to consider whether an underlying event or transaction is extraordinary. ASU 2015-01 retains the prior presentation and disclosure guidance for items that are unusual in nature or occur infrequently and will expand the guidance to include items that are both unusual in nature and infrequently occurring. ASU 2015-01 will be effective for us beginning October 1, 2016. We do not expect the implementation of this standard to have a material effect on our financial statements as we have not had any events or transactions that were considered to be extraordinary.

In February 2015, the FASB issued ASU No. 2015-02, “Amendments to the Consolidation Analysis” (Topic 810). ASU 2015-02 amends the criteria for determining which entities are considered variable interest entities (VIEs), amends the criteria for determining if a service provider possesses a variable interest in a VIE and ends the deferral granted to investment companies for application of the VIE consolidation model. ASU 2015-02 will be effective for us beginning October 1, 2016. We do not expect the implementation of this standard to have a material effect on our financial statements as we have no interests in any entities which may be considered VIEs.

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## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following "Management's Discussion and Analysis of Financial Condition and Results of Operations", as well as disclosures included elsewhere in this Form 10-Q, include "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. This Act provides a safe harbor for forward-looking statements to encourage companies to provide prospective information about themselves so long as they identify these statements as forward-looking and provide meaningful cautionary statements identifying important factors that could cause actual results to differ from the projected results. All statements other than statements of historical fact we make in this Form 10-Q are forward-looking. In particular, the statements herein regarding future sales and operating results; Company and industry growth, contraction or trends; growth or contraction of the markets in which the Company participates; international events, regulatory or legislative activity, or various economic factors; product performance; the generation, protection and acquisition of intellectual property, and litigation related to such intellectual property; new product introductions; development of new products, technologies and markets; natural disasters; the acquisition of or investment in other entities; uses and investment of the Company's cash balance; financing facilities and related debt, payment of principal and interest, and compliance with covenants and other terms; the Company's capital structure; the Company's current or future tax rate; the construction and operation of facilities by the Company; and statements preceded by, followed by or that include the words "intends," "estimates," "plans," "believes," "expects," "anticipates," "should," "could" or similar expressions, are forward-looking statements. Forward-looking statements reflect our current expectations and are inherently uncertain. Our actual results may differ significantly from our expectations. We assume no obligation to update this forward-looking information. The section entitled "Risk Factors" describes some, but not all, of the factors that could cause these differences.

This section, "Management's Discussion and Analysis of Financial Condition and Results of Operations" (MD&A), should be read in conjunction with our Annual Report on Form 10-K for the fiscal year ended September 30, 2014, including the consolidated financial statements and related notes thereto.

## SECOND QUARTER OF FISCAL 2015 OVERVIEW

In our second quarter of fiscal 2015, we experienced some seasonal softening of overall demand, which is consistent with our experience in recent years, as the second quarter of our fiscal year has typically been our seasonally softest quarter. Over the past three years, the semiconductor industry has demonstrated seasonal trends in demand, likely attributable to the increasing consumer orientation of end products, with seasonal strength during the June and September quarters, around "back to school" and holiday seasons, and weaker demand during the December and March quarters. For our Company, that has translated into weaker demand for our CMP consumables products during the first half of our fiscal year, followed by stronger demand in the second half. However, various industry reports and comments from some of our strategic customers suggest that we could see a departure from this trend during the June quarter due to an increase in some IC device inventories. The increase in inventories appears to have led some semiconductor manufacturers to reduce their production. Consistent with this, through the first month of our third fiscal quarter, we have seen some softness in demand for our CMP consumables products. Over the long term, we believe that demand for mobile devices will continue to drive semiconductor demand, accompanied by the continued scaling of semiconductor devices to smaller geometries and the introduction of more complex device architectures. However, there are many factors that make it difficult for us to predict future revenue trends for our business, including those discussed in Part II, Item 1A entitled "Risk Factors" in this Form 10-Q.

Revenue for our second quarter of fiscal 2015 was \$104.9 million, which is 5.4% higher than the second quarter of fiscal 2014. The year-over-year increase was primarily driven by higher sales of slurries for polishing tungsten and copper, polishing pads and ESF products. These increases were partially offset by lower sales of certain dielectrics

and data storage slurries, as well as the adverse impact of foreign exchange rate changes, primarily relating to weakening of the Japanese yen versus the U.S. dollar. Revenue for the first six months of fiscal 2015 was \$216.8 million, which is 8.4% higher than the comparable period of fiscal 2014. The increase was driven by higher sales of slurries for polishing tungsten and aluminum, polishing pads and ESF products, partially offset by lower sales of certain dielectrics and data storage slurries.

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Gross profit for our second quarter of fiscal 2015, expressed as a percentage of revenue, was 52.1%, which is 530 basis points higher than 46.8% reported in the second quarter of fiscal 2014. The increase in gross profit percentage was primarily due to product mix, the absence of a \$2.1 million impairment charge on certain manufacturing assets recorded in the second quarter of fiscal 2014, and the favorable net impacts of foreign exchange rate changes, primarily the weakening of the Japanese yen versus the U.S. dollar. These benefits were partially offset by higher fixed manufacturing costs, including costs associated with our annual incentive cash bonus program (AIP). Our gross profit percentage was 51.5% on a year-to-date basis, which is 440 basis points higher than 47.1% in the comparable period of fiscal 2014, primarily due to the same factors. We expect our gross profit percentage for full fiscal year 2015 will be around the upper end of our guidance range of 48% to 50%. However, we may continue to experience fluctuations in our gross profit due to a number of factors, including the extent to which we utilize our manufacturing capacity and fluctuations in our product mix, which may cause our quarterly gross profit to be above or below this annual guidance range.

Operating expenses were \$35.2 million in our second quarter of fiscal 2015, compared to \$31.9 million in the second quarter of fiscal 2014. The increase in operating expenses from the comparable quarter of fiscal 2014 was primarily due to higher staffing-related costs, including higher costs associated with our AIP and costs associated with our CEO transition announced in the first quarter of fiscal 2015. Operating expenses were \$69.6 million for the first six months of fiscal 2015, compared to \$63.9 million in the comparable period of fiscal 2014. The increase was driven by higher staffing-related costs, including higher AIP costs, separation costs associated with the departure of three executive officers recorded in the first quarter of fiscal 2015, and CEO transition costs. We expect full year fiscal 2015 operating expenses will be toward the upper end of our guidance range of \$132.0 million to \$137.0 million.

Diluted earnings per share for the second quarter of fiscal 2015 were \$0.55, which is 37.5% higher than \$0.40 reported in the second quarter of fiscal 2014. The increase in diluted earnings per share from the second quarter of fiscal 2014 was primarily due to a higher gross profit margin, including the absence of the impairment charge mentioned above, and higher revenue, partially offset by higher operating expenses. The asset impairment charge had a \$0.06 adverse impact on fiscal 2014 diluted earnings per share. On a year-to-date basis, diluted earnings per share were \$1.36, which is 58.1% higher than \$0.86 in the comparable period of fiscal 2014, primarily due to the same factors, plus a lower effective income tax rate.

#### CRITICAL ACCOUNTING POLICIES AND ESTIMATES AND EFFECTS OF RECENT ACCOUNTING PRONOUNCEMENTS

We discuss our critical accounting estimates and effects of recent accounting pronouncements in “Management’s Discussion and Analysis of Financial Condition and Results of Operations” included in Item 7 of Part II of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014. There have been no material changes in our critical accounting estimates during the first six months of fiscal 2015, other than the implementation of interest rate swaps discussed in the following paragraph. See Note 16 of the Notes to the Consolidated Financial Statements of this Form 10-Q for a discussion of new accounting pronouncements.

In the first quarter of fiscal 2015, we entered into interest rate swap agreements for the first time. The interest rate swaps are designed to hedge the variability of LIBOR-based interest payments on half of our outstanding variable rate debt. The interest rate swaps are being accounted for as cash flow hedges and are considered highly effective.

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## RESULTS OF OPERATIONS

THREE MONTHS ENDED MARCH 31, 2015, VERSUS THREE MONTHS ENDED MARCH 31, 2014

### REVENUE

Revenue was \$104.9 million for the three months ended March 31, 2015, which represented a 5.4%, or \$5.4 million, increase from the three months ended March 31, 2014. The increase in revenue was driven by a \$5.0 million increase due to product mix and a \$2.6 million increase due to higher sales volume, partially offset by a \$1.4 million decrease due to foreign exchange fluctuations, primarily due to the weakening of the Japanese yen versus the U.S. dollar. We experienced increased sales of slurries for polishing tungsten and copper, as well as our polishing pad products. We also recorded higher revenue from our QED Technologies International, Inc. subsidiary (QED) within our ESF business, which is primarily capital-equipment oriented. These increases were partially offset by decreased sales of certain of our dielectrics and data storage slurry products. In particular, we lost business for some lower-performing, legacy dielectrics applications for 200 millimeter wafers, which amounted to approximately \$5.0 million for the second quarter of fiscal 2015, and approximately \$20.0 million on a cumulative basis.

### COST OF GOODS SOLD

Total cost of goods sold was \$50.2 million for the three months ended March 31, 2015, which represented a decrease of 5.2%, or \$2.7 million, from the three months ended March 31, 2014. The decrease in cost of goods sold was primarily due to the absence of the \$2.1 million asset impairment charge recorded in the second quarter of fiscal 2014, as noted above, a \$1.9 million decrease due to product mix, and a \$1.8 million decrease due to foreign exchange fluctuations, primarily the weakening of the Japanese yen. These decreases in cost of goods sold were partially offset by a \$1.3 million increase in fixed manufacturing costs, including costs associated with our AIP, a \$0.8 million increase due to higher volume, and a \$0.5 million increase due to lower manufacturing yields.

Engineered abrasive particles are significant raw materials that we use in many of our CMP slurries. In an effort to mitigate our risk to rising raw material costs and to increase supply assurance and quality performance requirements, we have entered into multi-year supply agreements with a number of suppliers. For more financial information about our supply contracts, see "Tabular Disclosure of Contractual Obligations" in this Form 10-Q as well as in Item 7 of Part II of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014.

Our need for additional quantities or different kinds of key raw materials in the future has required, and will continue to require, that we enter into new supply arrangements with third parties. Future arrangements may result in costs that are different from those in the existing agreements. In addition, a number of factors could impact the future cost of raw materials, packaging, freight and labor. We also expect to continue to invest in our supply chain to improve product quality, reduce variability and improve our manufacturing product yields.

### GROSS PROFIT

Our gross profit as a percentage of revenue was 52.1% for the three months ended March 31, 2015, compared to 46.8% for the three months ended March 31, 2014. The increase in gross profit as a percentage of revenue was primarily due to product mix, the absence of the asset impairment charge, and benefits associated with the weakening of the Japanese yen, partially offset by higher fixed manufacturing costs, including incentive compensation costs under our AIP.



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## RESEARCH, DEVELOPMENT AND TECHNICAL

Total research, development and technical expenses were \$15.1 million for the three months ended March 31, 2015, which represented an increase of 5.3%, or \$0.8 million, from the three months ended March 31, 2014. The increase was primarily due to \$0.8 million in higher staffing-related costs, including costs associated with our AIP, and \$0.5 million in higher clean room material costs, partially offset by a \$0.4 million related decrease in facility-related costs.

Our research, development and technical efforts are focused on the following main areas:

- Research related to fundamental CMP technology;
- Development of new and enhanced CMP consumables products, including collaboration on joint development projects with technology-leading customers;
- Process development to support rapid and effective commercialization of new products;
- Technical support of CMP products in our customers' research, development and manufacturing facilities; and,
- Evaluation and development of new polishing and metrology applications outside of the semiconductor industry.

## SELLING AND MARKETING

Selling and marketing expenses were \$5.8 million for the three months ended March 31, 2015, which represented a decrease of 10.7%, or \$0.7 million, from the three months ended March 31, 2014. The decrease was primarily due to \$0.3 million in lower staffing-related costs and an overall decrease in other selling costs.

## GENERAL AND ADMINISTRATIVE

General and administrative expenses were \$14.3 million for the three months ended March 31, 2015, which represented an increase of 29.1%, or \$3.2 million, from the three months ended March 31, 2014. The increase was primarily due to \$2.9 million in higher staffing-related expenses, including costs associated with our AIP and our CEO transition, and \$0.4 million in higher professional fees.

## INTEREST EXPENSE

Interest expense was \$1.1 million for the three months ended March 31, 2015, and increased \$0.2 million from the three months ended March 31, 2014. The increase is primarily due to the fixed interest rate on our interest rate swaps currently being higher than the variable interest rate on our outstanding debt.

## OTHER INCOME (EXPENSE), NET

Other expense was \$0.3 million for the three months ended March 31, 2015, compared to other income of \$0.1 million during the three months ended March 31, 2014. The increase in other expense was primarily due to the impact of foreign currency fluctuations on monetary assets and liabilities denominated in currencies other than the functional currency, net of the gains and losses incurred on forward foreign exchange contracts discussed in Note 8 of the Notes to the Consolidated Financial Statements of this Form 10-Q.

## PROVISION FOR INCOME TAXES

Our effective income tax rate was 23.6% for the three months ended March 31, 2015 compared to a 27.2% effective income tax rate for the three months ended March 31, 2014. The decrease in the effective tax rate during the second quarter of fiscal 2015 was primarily due to higher taxable income in foreign jurisdictions with lower income tax rates.





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NET INCOME

Net income was \$13.8 million for the three months ended March 31, 2015, which represented an increase of 36.8%, or \$3.7 million, from the three months ended March 31, 2014. The increase was primarily due to a higher gross profit margin, including the absence of the asset impairment charge noted above, and higher revenue, partially offset by higher operating expenses.

SIX MONTHS ENDED MARCH 31, 2015, VERSUS SIX MONTHS ENDED MARCH 31, 2014

REVENUE

Revenue was \$216.8 million for the six months ended March 31, 2015, which represented a 8.4%, or \$16.8 million, increase from the six months ended March 31, 2014. The increase in revenue was driven by a \$10.4 million increase due to higher sales volume and a \$9.5 million increase due to product mix, partially offset by a \$2.5 million decrease due to foreign exchange fluctuations, primarily due to the weakening of the Japanese yen. We experienced higher sales of our slurries for polishing tungsten and aluminum, our polishing pad products, and our ESF products. These increases were partially offset by decreased sales of certain of our dielectrics and data storage slurry products.

COST OF GOODS SOLD

Total cost of goods sold was \$105.1 million for the six months ended March 31, 2015, which represented a decrease of 0.6%, or \$0.6 million, from the six months ended March 31, 2014. The decrease in cost of goods sold was primarily due to a \$3.9 million decrease due to the effects of foreign exchange rate changes, primarily the weakening of the Japanese yen, a \$3.4 million decrease due to product mix, and a \$2.1 million decrease due to the absence of the asset impairment charge noted above. These decreases in cost of goods sold were partially offset by a \$3.2 million increase due to higher volume, a \$2.4 million increase in fixed manufacturing costs, including costs associated with our AIP, a \$1.7 million increase due to lower manufacturing yields, and a \$0.9 million increase due to higher logistics costs.

GROSS PROFIT

Our gross profit as a percentage of revenue was 51.5% for the six months ended March 31, 2015, as compared to 47.1% for the six months ended March 31, 2014. The increase in gross profit as a percentage of revenue was primarily due to product mix, the absence of the asset impairment charge noted above, and the favorable net impact associated with the weakening of the Japanese yen. These increases were partially offset by higher fixed manufacturing costs, including costs associated with our AIP. We expect our gross profit percentage for full year fiscal 2015 to be toward the upper end of our guidance range of 48% to 50%.

RESEARCH, DEVELOPMENT AND TECHNICAL

Total research, development and technical expenses were \$30.1 million for the six months ended March 31, 2015, which represented an increase of 4.2%, or \$1.2 million, from the six months ended March 31, 2014. The increase was primarily due to \$1.1 million in higher staffing-related costs, including costs associated with our AIP, and \$0.8 million in higher clean room material costs, partially offset by \$0.4 million in lower facility-related costs.



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SELLING AND MARKETING

Selling and marketing expenses were \$13.4 million for the six months ended March 31, 2015, which represented an increase of 1.8%, or \$0.2 million, from the six months ended March 31, 2014. The increase was primarily due to \$0.9 million in higher staffing-related costs, including \$1.2 million in separation costs associated with the departure of three executive officers recorded in the first quarter of fiscal 2015, partially offset by \$0.2 million in lower travel-related costs and a \$0.2 million gain on sale of certain equipment used in our ESF business.

GENERAL AND ADMINISTRATIVE

General and administrative expenses were \$26.0 million for the six months ended March 31, 2015, which represented an increase of 19.5%, or \$4.2 million, from the six months ended March 31, 2014. The increase was primarily due to \$4.0 million in higher staffing-related costs, including costs associated with our AIP, our CEO transition and other executive officer changes, and \$0.8 million in higher professional fees, partially offset by a \$0.4 million decrease in certain foreign goods and services tax.

INTEREST EXPENSE

Interest expense was \$2.0 million for the six months ended March 31, 2015 and increased \$0.3 million from the six months ended March 31, 2014. The increase is primarily due to the fixed interest rate on our interest rate swaps currently being higher than the variable interest rate on our outstanding debt.

OTHER INCOME (EXPENSE), NET

Other income was \$0.7 million for both the six months ended March 31, 2015 and 2014. The negative impact of foreign currency fluctuations on monetary assets and liabilities denominated in currencies other than the functional currency was offset by a reimbursement of overfunding of a foreign benefit plan received in the first quarter of fiscal 2015.

PROVISION FOR INCOME TAXES

Our effective income tax rate was 17.3% for the six months ended March 31, 2015 compared to a 27.0% effective income tax rate for the six months ended March 31, 2014. The decrease in the effective tax rate during the second quarter of fiscal 2015 was primarily due to higher taxable income in foreign jurisdictions with lower income tax rates and the reinstatement of the U.S. research and experimentation tax credit, retroactive to January 1, 2014.

NET INCOME

Net income was \$33.7 million for the six months ended March 31, 2015 which represented an increase of 57.6%, or \$12.3 million, from the six months ended March 31, 2014. The increase was primarily due to a higher gross profit margin, including the absence of the asset impairment charge noted above, higher revenue and a lower effective tax rate, partially offset by higher operating expenses.

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## LIQUIDITY AND CAPITAL RESOURCES

We generated \$48.7 million in cash flows from operating activities in the first six months of fiscal 2015, compared to \$14.4 million in cash from operating activities in the first six months of fiscal 2014. Our cash provided by operating activities in the first six months of fiscal 2015 represented \$56.3 million in net income plus non-cash items and a \$7.6 million decrease in cash flow due to a net increase in working capital. The increase in cash flows from operating activities compared to the first six months of fiscal 2014 was primarily due to a significant increase in net income, a slower inventory growth rate and changes in the timing and amount of accrued expense payments, including payments related to our AIP. The AIP payment made in the first quarter of fiscal 2015, related to our performance in fiscal 2014, was \$7.1 million less than the AIP payment made in the first quarter of fiscal 2014, related to our performance in fiscal 2013. These favorable cash flow effects were partially offset by a significant increase in other current assets, primarily related to income taxes receivable based on the U.S. tax deduction for stock option exercises.

In the first six months of fiscal 2015, cash flows used in investing activities were \$5.1 million representing \$5.3 million for purchases of property, plant and equipment, partially offset by \$0.2 million received from other investing activities. In the first six months of fiscal 2014, cash flows used in investing activities were \$4.0 million representing \$7.3 million for purchases of property, plant and equipment, partially offset by \$2.1 million received from the liquidation of a portion of our auction rate securities and \$1.2 million received from other investing activities. We estimate our total capital expenditures in fiscal 2015 will be in the range of \$10.0 million to \$15.0 million.

In the first six months of fiscal 2015, cash flows provided by financing activities were \$8.1 million. We received \$33.6 million from the issuance of common stock related to the exercise of stock options granted under our Second Amended and Restated Cabot Microelectronics Corporation 2000 Equity Incentive Plan (EIP) and our 2012 Omnibus Incentive Plan (OIP) and for the sale of shares to employees under our 2007 Employee Stock Purchase Plan, as amended and restated September 23, 2013 (ESPP), and we received \$6.1 million in tax benefits related to exercises of stock options and vesting of restricted stock granted under these plans. We used \$25.0 million to repurchase common stock under our share repurchase program and \$2.2 million to repurchase common stock pursuant to the terms of our EIP and OIP for shares withheld from award recipients to cover payroll taxes on the vesting of restricted stock granted under these plans. We also used \$4.4 million to repay long-term debt. In the first six months of fiscal 2014, cash flows provided by financing activities were \$3.7 million. We received \$35.9 million from the issuance of common stock related to the exercise of stock options granted under our EIP and OIP and for the sale of shares under our ESPP, and we received \$2.2 million in tax benefits related to exercises of stock options and vesting of restricted stock granted under these plans. We used \$28.0 million to repurchase common stock under our share repurchase program and \$2.1 million to repurchase common stock pursuant to the terms of our EIP and OIP for shares withheld from award recipients to cover payroll taxes on the vesting of restricted stock granted under these plans. We also used \$4.4 million to repay long-term debt.

In April 2014, our Board of Directors authorized an increase in the amount available under our share repurchase program from the previously remaining \$62.0 million to \$150.0 million. Under this program, we repurchased 531,559 shares for \$25.0 million during the first six months of fiscal 2015 and we repurchased 654,213 shares for \$28.0 million during the first six months of fiscal 2014. As of March 31, 2014, \$100.0 million remains available under our share repurchase program. Share repurchases are made from time to time, depending on market conditions. The timing, manner, price and amounts of repurchases are determined at the Company's discretion, and the share repurchase program may be suspended, terminated or modified at any time for any reason. The repurchase program does not obligate the Company to acquire any specific number of shares. To date, we have funded share purchases under our share repurchase program from our available cash balance, and anticipate we will continue to do so. In addition, as part of the share repurchase program, the Company entered into a "10b5-1" stock purchase plan agreement with an independent broker, which expired on January 30, 2015, to repurchase shares of the Company's common stock

in accordance with guidelines pursuant to Rule 10b5-1 of the Securities Exchange Act of 1934. A plan under Rule 10b5-1 allows a company to repurchase its shares at times when it otherwise might be prevented from doing so under insider trading laws or because of self-imposed trading blackout periods. Repurchases are subject to SEC regulations as well as certain conditions specified in the plan.

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We entered into a Credit Agreement in February 2012, which provided us with a \$175.0 million Term Loan and a \$100.0 million Revolving Credit Facility, with sub-limits for multicurrency borrowings, letters of credit and swing-line loans. The Term Loan and Revolving Credit Facility are referred to as the “Credit Facilities”. In June 2014, we entered into an amendment to the Credit Agreement (the “Amendment”), which provided for an additional \$17.5 million in Term Loan commitments to bring the total commitments to the same level as the original amount under the Credit Agreement at its inception in 2012, an extension of the maturity date of the Credit Facilities to June 27, 2019, and changes to certain pricing and other terms of the agreement, including a relaxed consolidated leverage ratio financial covenant. The Amendment also increased the uncommitted accordion feature that allows us to request the existing lenders or, if necessary, third-party financial institutions to provide additional capacity in the Revolving Credit Facility, from \$75.0 million to \$100.0 million. The Term Loan has periodic scheduled principal repayments; however, we may prepay the loan without penalty. The additional Term Loan commitments were drawn on June 27, 2014, and the Revolving Credit Facility remains undrawn. The Term Loan has \$168.4 million outstanding as of March 31, 2015. The Credit Agreement contains covenants that restrict the ability of the Company and its subsidiaries to take certain actions, including, among other things and subject to certain significant exceptions: creating liens, incurring indebtedness, making investments, engaging in mergers, selling property, paying dividends or amending organizational documents. The Credit Agreement requires us to comply with certain financial ratio maintenance covenants, including a maximum consolidated leverage ratio of 3.00 to 1.00 through December 31, 2015 and a minimum consolidated fixed charge coverage ratio of 1.25 to 1.00. The maximum consolidated leverage ratio will decrease to 2.75 to 1.00 from January 1, 2016 through the termination of the Credit Agreement. As of March 31, 2015, our consolidated leverage ratio was 1.47 to 1.00 and our consolidated fixed charge coverage ratio was 7.41 to 1.00. The Credit Agreement also contains customary affirmative covenants and events of default. We believe we are in compliance with these covenants. See Note 7 of the Notes to the Consolidated Financial Statements of this Form 10-Q for additional information regarding the Credit Agreement.

As of March 31, 2015, we had \$333.7 million of cash and cash equivalents, \$79.7 million of which was held in foreign subsidiaries in Japan, the Netherlands, Singapore, South Korea and Taiwan where we have elected to permanently reinvest the earnings rather than repatriate the earnings to the U.S. If we choose to repatriate these earnings in the future through dividends or loans to the U.S. parent company, the earnings could become subject to additional income tax expense.

We believe that our current balance of cash and long-term investments, cash generated by our operations and available borrowing capacity under our Credit Facility will be sufficient to fund our operations, expected capital expenditures, merger and acquisition activities, share repurchases, and any other distributions of capital for the foreseeable future. However, in order to further expand our business, we may need to raise additional funds in the future through equity or debt financing, strategic relationships or other arrangements. Depending on future conditions in the capital and credit markets, we could encounter difficulty securing additional financing in the type or amount necessary to pursue these objectives.

**OFF-BALANCE SHEET ARRANGEMENTS**

At March 31, 2015, and September 30, 2014, we did not have any unconsolidated entities or financial partnerships, such as entities often referred to as structured finance or special purpose entities, which might have been established for the purpose of facilitating off-balance sheet arrangements.





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## TABULAR DISCLOSURE OF CONTRACTUAL OBLIGATIONS

The following summarizes our contractual obligations at March 31, 2015, and the effect such obligations are expected to have on our liquidity and cash flow in future periods.

CONTRACTUAL OBLIGATIONS  (In millions)	Total	Less Than				After 5 Years
		1 Year	1-3 Years	3-5 Years	5 Years	
Long-term debt	\$168.4	\$8.7	\$18.6	\$141.1	\$-	
Interest expense and fees on long-term debt	14.5	4.1	6.6	3.8	-	
Purchase obligations	79.4	61.4	17.6	0.3	0.1	
Operating leases	8.9	1.9	2.2	1.3	3.5	
Severance agreements	1.4	1.4	-	-	-	
Other long-term liabilities *	9.7	-	-	0.9	8.8	
Total contractual obligations	\$282.3	\$77.5	\$45.0	\$147.4	\$12.4	

\* We have excluded \$0.3 million in deferred tax liabilities from other long-term liability amounts presented as the deferred taxes that will be settled in cash are not known and the timing of any such payments is uncertain.

We have entered into a multi-year supply agreement with Cabot Corporation, our former parent company which is not a related party, for the purchase of fumed silica, which became effective January 1, 2013 with an initial term of four years. This agreement requires us to purchase certain minimum quantities of fumed silica each year of the agreement, and to pay a shortfall if we purchase less than the minimum. The purchase obligations in the table above reflect management's expectation that we will meet the minimum purchase quantities each year of the contract. Purchase obligations include an aggregate amount of \$61.1 million of contractual commitments related to our Cabot Corporation supply agreement for fumed silica.

Interest payments on long-term debt reflect interest rates in effect at March 31, 2015. The interest payments reflect LIBOR rates currently in effect on \$84.2 million of our outstanding debt, and reflect fixed interest rates on \$84.2 million of outstanding debt for which we have executed interest rate swaps. Commitment fees are based on our estimated consolidated leverage ratio in future periods. See Note 7 of the Notes to the Consolidated Financial Statements of this Form 10-Q for additional information regarding our long-term debt.

Refer to Item 7 "Management's Discussion and Analysis of Financial Condition and Results of Operations" of Part II of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014, for additional information regarding our contractual obligations.

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### ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

#### EFFECT OF CURRENCY EXCHANGE RATES AND EXCHANGE RATE RISK MANAGEMENT

We conduct business operations outside of the United States through our foreign operations. Some of our foreign operations maintain their accounting records in their local currencies. Consequently, period to period comparability of results of operations is affected by fluctuations in exchange rates. The primary currencies to which we have exposure are the Japanese yen, the New Taiwan dollar and the Korean won. Approximately 15% of our revenue is transacted in currencies other than the U.S. dollar. However, we also incur expenses in foreign countries that are transacted in currencies other than the U.S. dollar, which mitigates the exposure on the Consolidated Statement of Income. We periodically enter into forward contracts in an effort to manage foreign currency exchange exposure. However, we are unlikely to be able to hedge these exposures completely. We do not currently enter into forward exchange contracts or other derivative instruments for speculative or trading purposes.

The significant weakening of the Japanese yen against the U.S. dollar in fiscal 2014 and during the first six months of fiscal 2015 adversely affected our revenue, but had a net favorable impact on our gross profit percentage, as our yen-denominated cost of goods sold was greater than our yen-denominated revenue. The weakening of the yen accounted for an approximate 90 basis point increase in our gross profit percentage for fiscal 2014 compared to fiscal 2013, and an approximate 110 basis point increase in our gross profit percentage for the first six months of fiscal 2015 compared to the same period of fiscal 2014. To a lesser extent, we have also seen a favorable foreign exchange impact on our yen-denominated operating expenses. The weakening of the yen has also had a significant impact on other comprehensive income on our Consolidated Balance Sheet. During the fiscal year ended September 30, 2014 and the six months ended March 31, 2015, we recorded \$8.1 million and \$8.3 million, respectively, in currency translation losses, net of tax, that are included in other comprehensive income. These losses primarily relate to changes in the U.S. dollar value of assets and liabilities denominated in yen when these asset and liability amounts are translated at month-end exchange rates.

#### MARKET RISK AND SENSITIVITY ANALYSIS RELATED TO FOREIGN EXCHANGE RATE RISK

We have performed a sensitivity analysis assuming a hypothetical 10% additional adverse movement in foreign exchange rates. As of March 31, 2015, the analysis demonstrated that such market movements would not have a material adverse effect on our consolidated financial position, results of operations or cash flows over a one-year period. Actual gains and losses in the future may differ materially from this analysis based on changes in the timing and amount of foreign currency rate movements and our actual exposures.

#### INTEREST RATE RISK

At March 31, 2015, we had \$168.4 million in long-term debt outstanding on our Term Loan. In the first quarter of fiscal 2015, we entered into interest rate swap agreements to hedge the variability in LIBOR-based interest rate payments on half of our outstanding debt. The notional amount of the swaps decreases each quarter by an amount in proportion to our scheduled quarterly principal payment to maintain a fixed rate of interest on half of our outstanding debt. As of March 31, 2015, the fair value of this cash flow hedge is a liability of \$1.0 million. At March 31, 2015, we had \$84.2 million of outstanding debt at a variable rate of interest. Assuming a hypothetical 100 basis point increase in our current variable interest rate, our interest expense would increase by approximately \$0.2 million per quarter.

#### MARKET RISK RELATED TO INVESTMENTS IN AUCTION RATE SECURITIES

At March 31, 2015, we owned two auction rate securities (ARS) with a total estimated fair value of \$5.3 million and par value of \$5.9 million which were classified as other long-term assets on our Consolidated Balance Sheet. Beginning in 2008, general uncertainties in the global credit markets significantly reduced liquidity in the ARS market, and this illiquidity continues. For more information on our ARS, see Note 5 of the Notes to the Consolidated Financial Statements of this Form 10-Q.

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## ITEM 4. CONTROLS AND PROCEDURES

### EVALUATION OF DISCLOSURE CONTROLS AND PROCEDURES

Our management, with the participation of our Chief Executive Officer (CEO) and Chief Financial Officer (CFO), has conducted an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended) as of March 31, 2015. Based on that evaluation, our CEO and CFO have concluded that our disclosure controls and procedures were effective to ensure that information required to be disclosed in our Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and to ensure that such information is accumulated and communicated to management, including the CEO and CFO, as appropriate to allow timely decisions regarding required disclosure.

While we believe the present design of our disclosure controls and procedures is effective enough to make known to our senior management in a timely fashion all material information concerning our business, we intend to continue to improve the design and effectiveness of our disclosure controls and procedures to the extent we believe necessary in the future to provide our senior management with timely access to such material information, and to correct deficiencies that we may discover in the future, as appropriate.

### CHANGES IN INTERNAL CONTROL OVER FINANCIAL REPORTING

There were no changes in our internal control over financial reporting that occurred during our most recent fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

### INHERENT LIMITATIONS ON EFFECTIVENESS OF CONTROLS

Because of inherent limitations, our disclosure controls or our internal control over financial reporting may not prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must take into account the benefits of controls relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within the Company have been detected. These inherent limitations include possible faulty judgment in decision making and breakdowns due to a simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people or by management override of the controls. The design of any system of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Over time, controls may become inadequate because of changes in conditions, or the degree of compliance with policies or procedures may deteriorate. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

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## PART II. OTHER INFORMATION

### ITEM 1.LEGAL PROCEEDINGS

While we are not involved in any legal proceedings that we believe will have a material impact on our consolidated financial position, results of operations or cash flows, we periodically become a party to legal proceedings in the ordinary course of business.

### ITEM 1A.RISK FACTORS

We do not believe there have been any material changes in our risk factors since the filing of our Annual Report on Form 10-K for the fiscal year ended September 30, 2014. However, we may update our risk factors, including adding or deleting them, in our SEC filings from time to time for clarification purposes or to include additional information, at management's discretion, even when there have been no material changes.

#### RISKS RELATING TO OUR BUSINESS

##### DEMAND FOR OUR PRODUCTS FLUCTUATES AND OUR BUSINESS MAY BE ADVERSELY AFFECTED BY WORLDWIDE ECONOMIC AND INDUSTRY CONDITIONS

Our business is affected by economic and industry conditions and our revenue is primarily dependent upon semiconductor demand. Semiconductor demand, in turn, is impacted by changes in consumer demand such as the significant shift in demand in recent years from semiconductor devices for personal computers to those for mobile internet devices. Historically, semiconductor demand has fluctuated significantly due to economic and industry cycles and seasonal shifts in demand, which can dramatically affect our business, causing demand for our products to fluctuate. For example, we experienced soft demand conditions in the semiconductor industry during the first half of fiscal years 2012, 2013 and 2014, followed by stronger demand in the second half of each of those years. We also experienced similar seasonally softer demand during the first six months of fiscal 2015, and, based on reports from some industry analysts and comments from some of our strategic customers, we believe soft demand conditions may continue during the third quarter of our fiscal 2015. Furthermore, competitive dynamics within the semiconductor industry may impact our business. Our limited visibility to future customer orders makes it difficult for us to predict industry trends. If the global economy or the semiconductor industry weakens, whether in general or as a result of specific factors, such as macroeconomic factors, or unpredictable events such as natural disasters, we could experience material adverse impacts on our results of operations and financial condition.

Adverse global economic and industry conditions could have other negative effects on our Company. For instance, we could experience negative impacts on cash flows due to the inability of our customers to pay their obligations to us, or our production process could be harmed if our suppliers cannot fulfill their obligations to us. We could also have to reduce the carrying value of goodwill and other intangible assets, which could harm our financial position and results of operations.

Some additional factors that affect demand for our products include: the types of electronic devices that are in demand, such as mobile internet devices versus PCs; products that our customers may produce, such as logic IC devices versus memory devices; the various technology nodes at which those products are manufactured; customers' efficiencies in the use of CMP consumables, customers' specific manufacturing process integration schemes; the short order to delivery time for our products; quarter-to-quarter changes in customer order patterns; market share gains and losses; and pricing changes by us and our competitors.



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**WE HAVE A NARROW PRODUCT RANGE AND OUR PRODUCTS MAY BECOME OBSOLETE, OR TECHNOLOGICAL CHANGES MAY REDUCE OR LIMIT INCREASES IN THE CONSUMPTION OF CMP SLURRIES AND PADS**

Our business is substantially dependent on a single class of products, CMP slurries, which account for the majority of our revenue. We also continue to develop our business in CMP pads. Our business would suffer if these products became obsolete or if consumption of these products decreased. Our success depends on our ability to keep pace with technological changes and advances in the semiconductor industry and to adapt, improve and customize our products for advanced IC applications in response to evolving customer needs and industry trends. Since its inception, the semiconductor industry has experienced rapid technological changes and advances in the design, manufacture, performance and application of IC devices, and our customers continually pursue lower cost of ownership and higher quality and performance of materials consumed in their manufacturing processes, including CMP slurries and pads, as a means to reduce the costs and increase the yield in their manufacturing facilities. We expect these technological changes, and this drive toward lower costs, higher quality and performance and higher yields, will continue in the future. Potential technology developments in the semiconductor industry, as well as our customers' efforts to reduce consumption of CMP consumables, including through use of smaller quantities could render our products less important to the IC device manufacturing process.

**A SIGNIFICANT AMOUNT OF OUR BUSINESS COMES FROM A LIMITED NUMBER OF LARGE CUSTOMERS AND OUR REVENUE AND PROFITS COULD DECREASE SIGNIFICANTLY IF WE LOST ONE OR MORE OF THESE CUSTOMERS**

Our CMP consumables customer base is concentrated among a limited number of large customers. The semiconductor industry is consolidating as the larger semiconductor manufacturers have generally grown faster than the smaller ones, through business gains, mergers and acquisitions, and strategic alliances. Industry analysts predict that this trend will continue, which means the semiconductor industry will be comprised of fewer and larger participants if their prediction is correct. One or more of these principal customers could stop buying CMP consumables from us or could substantially reduce the quantity of CMP consumables purchased from us. Our principal customers also hold considerable purchasing power, which can impact the pricing and terms of sale of our products. Any deferral or significant reduction in CMP consumables sold to these principal customers could seriously harm our business, financial condition and results of operations.

During the six months ended March 31, 2015 and 2014, our five largest customers accounted for approximately 55% and 56% of our revenue, respectively. During the six months ended March 31, 2015, Taiwan Semiconductor Manufacturing Company (TSMC) and Samsung were our largest customers accounting for approximately 20% and 14%, respectively, of our revenue. During the six months ended March 31, 2014, TSMC and Samsung accounted for approximately 21% and 14%, respectively, of our revenue. During full fiscal year 2014, our five largest customers accounted for approximately 54% of our revenue, with TSMC and Samsung accounting for approximately 22% and 14%, respectively.

**OUR BUSINESS COULD BE SERIOUSLY HARMED IF OUR COMPETITORS DEVELOP SUPERIOR CMP CONSUMABLES PRODUCTS, OFFER BETTER PRICING, SERVICE OR OTHER TERMS, OR OBTAIN CERTAIN INTELLECTUAL PROPERTY RIGHTS**

Competition from other CMP consumables manufacturers or any new entrants could seriously harm our business and results of operations, and this competition could continue to increase. Increased competition has and may continue to impact the prices we are able to charge for our CMP consumables products, as well as our overall business. In addition, our competitors could have or obtain intellectual property rights which could restrict our ability to market

our existing products and/or to innovate and develop new products.

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**ANY PROBLEM OR DISRUPTION IN OUR SUPPLY CHAIN, INCLUDING SUPPLY OF OUR MOST IMPORTANT RAW MATERIALS, OR IN OUR ABILITY TO MANUFACTURE AND DELIVER OUR PRODUCTS TO OUR CUSTOMERS, COULD ADVERSELY AFFECT OUR RESULTS OF OPERATIONS**

We depend on our supply chain to enable us to meet the demands of our customers. Our supply chain includes the raw materials we use to manufacture our products, our production operations and the means by which we deliver our products to our customers. Our business could be adversely affected by any problem or interruption in our supply of the key raw materials we use in our CMP slurries and pads, including raw materials that do not meet the stringent quality and consistency requirements of our customers, or any problem or interruption that may occur during production or delivery of our products, such as weather-related problems, natural disasters, or labor-related issues. Our supply chain may also be negatively impacted by unanticipated price increases due to supply restrictions beyond the control of our Company or our raw materials suppliers.

We believe it would be difficult to promptly secure alternative sources of key raw materials in the event one of our suppliers becomes unable to supply us with sufficient quantities of raw materials that meet the quality and technical specifications required by us and our customers. In addition, new contract terms, contractual amendments to existing agreements with, or non-performance by, our suppliers, including any significant financial distress our suppliers may suffer, could adversely affect us. Also, if we change the supplier or type of key raw materials we use to make our CMP slurries or pads, or are required to purchase them from a different manufacturer or manufacturing facility or otherwise modify our products, in certain circumstances our customers might have to requalify our CMP slurries and pads for their manufacturing processes and products. The requalification process could take a significant amount of time and expense to complete and could occupy technical resources of our customers that might otherwise be used to evaluate our new products, thus delaying potential revenue growth, or motivate our customers to consider purchasing products from our competitors, possibly interrupting or reducing our sales of CMP consumables to these customers.

**WE ARE SUBJECT TO RISKS ASSOCIATED WITH OUR FOREIGN OPERATIONS**

We currently have operations and a large customer base outside of the United States. Approximately 88% of our revenue was generated by sales to customers outside of the United States for both the six months ended March 31, 2015 and full fiscal year ended September 30, 2014, respectively. We may encounter risks in doing business in certain foreign countries, including, but not limited to, adverse changes in economic and political conditions, fluctuation in exchange rates, compliance with a variety of foreign laws and regulations, as well as difficulty in enforcing business and customer contracts and agreements, including protection of intellectual property rights. We also may encounter the risks that we may not be able to repatriate earnings from our foreign operations, derive anticipated tax benefits of our foreign operations or recover the investments made in our foreign operations.

**BECAUSE WE RELY HEAVILY ON OUR INTELLECTUAL PROPERTY, OUR FAILURE TO ADEQUATELY OBTAIN OR PROTECT IT COULD SERIOUSLY HARM OUR BUSINESS**

Protection of intellectual property is particularly important in our industry because we develop complex technical formulas and processes for CMP products that are proprietary in nature and differentiate our products from those of our competitors. Our intellectual property is important to our success and ability to compete. We attempt to protect our intellectual property rights through a combination of patent, trademark, copyright and trade secret laws, as well as employee and third-party nondisclosure and assignment agreements. Due to our international operations, we pursue protection in different jurisdictions, which may provide varying degrees of protection, and we cannot provide assurance that we can obtain adequate protection in each such jurisdiction. Our failure to obtain or maintain adequate protection of our intellectual property rights for any reason, including through the patent prosecution process or in the event of litigation related to such intellectual property, could seriously harm our business. In addition, the costs of

obtaining or protecting our intellectual property could negatively affect our operating results.

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**WE MAY PURSUE ACQUISITIONS OF, INVESTMENTS IN, AND MERGERS OR STRATEGIC ALLIANCES WITH OTHER ENTITIES, WHICH COULD DISRUPT OUR OPERATIONS AND HARM OUR OPERATING RESULTS IF THEY ARE UNSUCCESSFUL**

We expect to continue to make investments in technologies, assets and companies, either through acquisitions, mergers, investments or alliances, in order to supplement our internal growth and development efforts. Acquisitions, mergers, and investments involve numerous risks, including the following: difficulties and risks in integrating the operations, technologies, products and personnel of acquired companies; diversion of management's attention from normal daily operations of the business; increased risk associated with foreign operations; potential difficulties and risks in entering markets in which we have limited or no direct prior experience and where competitors in such markets have stronger market positions; potential difficulties in operating new businesses with different business models; potential difficulties with regulatory or contract compliance in areas in which we have limited experience; initial dependence on unfamiliar supply chains or relatively small supply partners; insufficient revenues to offset increased expenses associated with acquisitions; potential loss of key employees of the acquired companies; or inability to effectively cooperate and collaborate with our alliance partners.

Further, we may never realize the perceived or anticipated benefits of a business combination or merger with, or asset or other acquisition of, or investments in, other entities. Transactions such as these could have negative effects on our results of operations, in areas such as contingent liabilities, gross profit margins, amortization charges related to intangible assets and other effects of accounting for the purchases of other business entities. Investments in and acquisitions of technology-related companies or assets are inherently risky because these businesses or assets may never develop, and we may incur losses related to these investments. In addition, we may be required to impair the carrying value of these acquisitions or investments to reflect other than temporary declines in their value, which could harm our business and results of operations.

**BECAUSE WE HAVE LIMITED EXPERIENCE IN BUSINESS AREAS OUTSIDE OF CMP SLURRIES, EXPANSION OF OUR BUSINESS INTO NEW PRODUCTS AND APPLICATIONS MAY NOT BE SUCCESSFUL**

An element of our strategy has been to leverage our current customer relationships, technological expertise and other capabilities to expand our business beyond CMP slurries into other areas, such as CMP polishing pads and, more broadly, into other electronic materials. Additionally, in our Engineered Surface Finishes business, we are pursuing other surface modification applications. Expanding our business into new product areas could involve technologies, production processes and business models in which we have limited experience, and we may not be able to develop and produce products or provide services that satisfy customers' needs or we may be unable to keep pace with technological or other developments. Also, our competitors may have or obtain intellectual property rights that could restrict our ability to market our existing products and/or to innovate and develop new products.

**OUR INABILITY TO ATTRACT AND RETAIN KEY PERSONNEL COULD CAUSE OUR BUSINESS TO SUFFER**

If we fail to attract and retain the necessary managerial, technical and customer support personnel, our business and our ability to maintain existing and obtain new customers, develop new products and provide acceptable levels of customer service could suffer. We compete with other industry participants for qualified personnel, particularly those with significant experience in the semiconductor industry. The loss of services of key employees could harm our business and results of operations.



[index](#)**RISKS RELATING TO THE MARKET FOR OUR COMMON STOCK****THE MARKET PRICE MAY FLUCTUATE SIGNIFICANTLY AND RAPIDLY**

The market price of our common stock has fluctuated and could continue to fluctuate significantly as a result of factors such as: economic and stock market conditions generally and specifically as they may impact participants in the semiconductor and related industries; changes in financial estimates and recommendations by securities analysts who follow our stock; earnings and other announcements by, and changes in market evaluations of, us or participants in the semiconductor and related industries; changes in business or regulatory conditions affecting us or participants in the semiconductor and related industries; announcements or implementation by us, our competitors, or our customers of technological innovations, new products or different business strategies; changes in our capital management strategy, including the incurrence of debt or entering into a business combination; and trading volume of our common stock.

**ANTI-TAKEOVER PROVISIONS UNDER OUR CERTIFICATE OF INCORPORATION AND BYLAWS MAY DISCOURAGE THIRD PARTIES FROM MAKING AN UNSOLICITED BID FOR OUR COMPANY**

Our certificate of incorporation, our bylaws, and various provisions of the Delaware General Corporation Law may make it more difficult or expensive to effect a change in control of our Company. For instance, our amended and restated certificate of incorporation provides for the division of our Board of Directors into three classes as nearly equal in size as possible with staggered three-year terms.

We have adopted change in control arrangements covering our executive officers and other key employees. These arrangements provide for a cash severance payment, continued medical benefits and other ancillary payments and benefits upon termination of service of a covered employee's employment following a change in control, which may make it more expensive to acquire our Company.

**ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS****ISSUER PURCHASES OF EQUITY SECURITIES**

Period	Total Number of Shares Purchased	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (in thousands)
Jan. 1 through Jan. 31, 2015	215,695	\$ 46.39	215,695	\$ 99,985
Feb. 1 through Feb. 28, 2015	-	-	-	\$ 99,985
Mar. 1 through	-	-	-	\$ 99,985

Mar. 31, 2015

Total	215,695	\$ 46.39	215,695	\$ 99,985
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In April 2014, our Board of Directors authorized an increase in the amount available under our share repurchase program from the previously remaining \$62.0 million to \$150.0 million. Under this program, we repurchased 215,695 shares for \$10.0 million during the second quarter of fiscal 2015. As of March 31, 2015, \$100.0 million remains available under our share repurchase program. The manner in which the Company repurchases its shares is discussed in Part I, Item 2, Management's Discussion and Analysis of Financial Condition and Results of Operations, under the heading "Liquidity and Capital Resources", of this Form 10-Q. To date, we have funded share purchases under our share repurchase program from our available cash balance, and anticipate we will continue to do so.

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ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

ITEM 6. EXHIBITS

The exhibit numbers in the following list correspond to the number assigned to such exhibits in the Exhibit Table of Item 601 of Regulation S-K:

Exhibit Number	Description
31.1	Certification of Chief Executive Officer pursuant to Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Chief Financial Officer pursuant to Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

CABOT MICROELECTRONICS CORPORATION  
[Registrant]

Date: May 8, 2015 By: /s/ WILLIAM S. JOHNSON  
William S. Johnson  
Executive Vice President and Chief Financial Officer  
[Principal Financial Officer]

Date: May 8, 2015 By: /s/ THOMAS S. ROMAN  
Thomas S. Roman  
Corporate Controller  
[Principal Accounting Officer]