

CPS TECHNOLOGIES CORP/DE/
Form 10-Q
November 09, 2012

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-Q**

(Mark One)

Quarterly Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934
For the period ended September 29, 2012
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 0-16088

CPS TECHNOLOGIES CORPORATION

(Exact Name of Registrant as Specified in its Charter)

<u>Delaware</u> (State or Other Jurisdiction of Incorporation or Organization)	<u>04-2832509</u> (I.R.S. Employer Identification No.)
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111 South Worcester Street Norton <u>MA</u> (Address of principal executive offices)	<u>02766-2102</u> (Zip Code)
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(508) 222-0614
Registrants Telephone Number, including Area Code:

CPS Technologies Corporation

111 South Worcester Street

Norton, MA 02766-2102

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Former Name, Former Address and Former Fiscal Year if Changed since Last Report

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 than the registrant was required to file such reports), and (2) has been subject to the 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 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 or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):

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 Act):
 Yes No

APPLICABLE ONLY TO CORPORATE ISSUERS:

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date. Number of shares of common stock outstanding as of November 7, 2012: 12,871,659.

PART I FINANCIAL INFORMATION**ITEM 1 FINANCIAL STATEMENTS (Unaudited)****CPS TECHNOLOGIES CORPORATION****Balance Sheets (Unaudited)****(continued on next page)**

	September 29, 2012	December 31, 2011
ASSETS		
Current assets:		
Cash and cash equivalents	\$221,164	\$1,142,429
Accounts receivable-trade net of allowance for doubtful accounts and sales returns of \$25,000 and \$10,000 at September 29, 2012 and December 31, 2011, respectively	2,101,077	3,112,960
Inventories	3,301,248	3,138,617
Prepaid expenses	115,467	152,444
Deferred taxes	—	287,056
Total current assets	5,738,956	7,833,506
Property and equipment:		
Production equipment	7,428,741	7,128,202
Furniture and office equipment	354,490	353,781
Leasehold improvements	735,099	735,099
Total cost	8,518,330	8,217,082
Accumulated depreciation and amortization	(6,710,846)	(6,154,193)
Construction in progress	135,868	244,156
Net property and equipment	1,943,352	2,307,045
Deferred taxes, non-current portion	2,430,817	1,193,761
Total Assets	\$10,113,125	\$11,334,312

See accompanying notes to financial statements.

CPS TECHNOLOGIES CORPORATION**Balance Sheets (Unaudited)****(concluded)**

LIABILITIES AND STOCKHOLDERS' EQUITY	September 29, 2012	December 31, 2011
Current liabilities:		
Line of credit	\$400,000	\$—
Accounts payable	1,100,647	1,463,997
Accrued expenses	835,764	660,031
Current portion of obligations under capital leases	138,448	208,504
Total current liabilities	2,474,859	2,332,532
Obligations under capital leases less current portion	96,671	199,738
Total liabilities	2,571,530	2,532,270
Commitments		
Stockholders' equity:		
Common stock, \$0.01 par value, authorized 15,000,000 shares; issued 12,927,942 and 12,921,942 shares; outstanding 12,871,659 and 12,865,659 shares; at September 29, 2012 and December 31, 2011, respectively	129,280	129,220
Additional paid-in capital	33,747,393	33,569,896
Accumulated deficit	(26,200,763)	(24,762,759)
Less cost of 56,283 common shares repurchased	(134,315)	(134,315)
Total stockholders' equity	7,541,595	8,802,042
Total liabilities and stockholders' equity	\$10,113,125	\$11,334,312

See accompanying notes to financial statements.

CPS TECHNOLOGIES CORPORATION
Statements of Operations (Unaudited)

	Fiscal Quarters Ended		Nine month Periods Ended	
	September 29, 2012	October 1, 2011	September 29, 2012	October 1, 2011
Revenues:				
Product sales	\$2,605,465	\$4,508,250	\$9,477,790	\$13,848,477
Research and development under cooperative agreement	138,716	392,790	449,432	1,734,668
Total Revenues	2,744,181	4,901,040	9,927,222	15,583,145
Cost of product sales	2,862,384	3,651,046	9,620,401	11,250,968
Cost of research and development under cooperative agreement	117,904	358,002	383,789	1,624,710
Gross Margin	(236,107)	891,992	(76,968)	2,707,467
Selling, general and administrative expense	641,046	835,375	2,294,778	2,579,388
Operating income (loss)	(877,153)	56,617	(2,371,746)	128,079
Interest expense, net	(4,792)	(8,528)	(16,258)	(26,264)
Net income (loss) before income tax expense (benefit)	(881,945)	48,089	(2,388,004)	101,815
Income tax expense (benefit)	(351,000)	20,500	(950,000)	44,900
Net income (loss)	\$(530,945)	\$27,589	\$(1,438,004)	\$56,915
Net income (loss) per basic common share	\$(0.04)	\$0.00	\$(0.11)	\$0.00
Weighted average number of basic common shares outstanding	12,871,659	12,748,149	12,868,934	12,733,312
Net income (loss) per diluted common share	\$(0.04)	\$0.00	\$(0.11)	\$0.00
Weighted average number of diluted common shares outstanding	12,871,659	13,190,317	12,868,934	13,199,666

See accompanying notes to financial statements.

CPS TECHNOLOGIES CORPORATION
Statements of Cash Flows (Unaudited)

	Nine-Month Periods Ended	
	September 29, 2012	October 1, 2011
Cash flows from operating activities:		
Net income (loss)	\$(1,438,004)	\$56,915
Adjustments to reconcile net income (loss) to cash provided by (used in) operating activities:		
Depreciation & amortization	556,653	531,738
Share-based compensation	168,378	158,449
Provision for bad debts and sales returns	15,000	—
Write off of construction in process	12,720	—
Deferred taxes	(950,000)	27,600
Excess tax benefit from stock options exercised	—	(47,750)
Changes in:		
Accounts receivable-trade	996,882	(276,133)
Inventories	(162,631)	(666,707)
Prepaid expenses	(3,199)	(60,394)
Accounts payable	(363,350)	147,432
Accrued expenses	215,908	6,288
Net cash used in operating activities	(951,643)	(122,562)
Cash flows from investing activities:		
Purchases of property and equipment	(205,677)	(427,588)
Net cash used in investing activities	(205,677)	(427,588)
Cash flows from financing activities:		
Payment of capital lease obligations	(173,123)	(197,110)
Excess tax benefit from stock options exercised	—	47,750
Proceeds from line of credit	400,000	—
Proceeds from issuance of common stock	9,178	44,909
Proceeds from capital lease financing	—	—
Net cash provided by (used in) financing activities	236,055	(104,451)
Net decrease in cash and cash equivalents	(921,265)	(654,601)
Cash and cash equivalents at beginning of period	1,142,429	1,803,222

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Cash and cash equivalents at end of period	\$221,164	\$1,148,621
Supplemental cash flow information:		
Cash paid for taxes, net of refunds	\$—	\$11,900
Interest paid	\$16,258	\$26,264
See accompanying notes to financial statements.		

CPS TECHNOLOGIES CORPORATION

Notes to Financial Statements

(Unaudited)

(1) Nature of Business

CPS Technologies Corporation (the “Company” or “CPS”) provides advanced material solutions to the electronics, power generation, automotive and other industries. The Company’s primary advanced material solution is metal matrix composites which are a combination of metal and ceramic.

CPS also assembles housings and packages for hybrid circuits. These housings and packages may include components made of metal-matrix composites or they may include components made of more traditional materials such as aluminum and copper-tungsten.

In 2008 the Company also entered into a cooperative agreement with the U.S. Army to further develop its composite technology to produce armor.

(2) Interim Financial Statements

As permitted by the rules of the Securities and Exchange Commission applicable to quarterly reports on Form 10-Q, these notes are condensed and do not contain all disclosures required by generally accepted accounting principles.

The accompanying financial statements are unaudited. In the opinion of management, the unaudited financial statements of CPS reflect all normal recurring adjustments which are necessary to present fairly the financial position and results of operations for such periods.

The Company’s balance sheet at December 31, 2011 has been derived from the audited financial statements at that date, but does not include all of the information and footnotes required by accounting principles generally accepted in the United States of America for complete financial statements. Certain items in the 2011 financial statements have been reclassified to conform with the 2012 presentation.

For further information, refer to the financial statements and footnotes thereto included CPS’s Annual Report on Form 10-K for the year ended December 31, 2011.

The results of operations for interim periods are not necessarily indicative of the results to be expected for the full year.

(3) Net Income (Loss) Per Common and Common Equivalent Share

Basic net income or loss per common share is calculated by dividing net income or loss by the weighted average number of common shares outstanding during the period. Diluted net income per common share is calculated by dividing net income by the sum of the weighted average number of common shares plus additional common shares that would have been outstanding if potential dilutive common shares had been issued for granted stock option and stock purchase rights. Common stock equivalents are excluded from the diluted calculations when a net loss is incurred as they would be antidilutive.

The following table presents the calculation of both basic and diluted EPS:

	Fiscal Quarters Ended		Nine-Month Periods Ended	
	September 29, 2012	October 1, 2011	September 29, 2012	October 1, 2011
Basic EPS Computation:				
Numerator:				
Net income (loss)	\$ (530,945)	\$ 27,589	\$ (1,438,004)	\$ 56,915
Denominator:				
Weighted average Common shares				
Outstanding	12,871,659	12,748,149	12,868,934	12,733,312
Basic EPS	\$ (0.04)	\$ 0.00	\$ (0.11)	\$ 0.00
Diluted EPS Computation:				
Numerator:				
Net income (loss)	\$ (530,945)	\$ 27,589	\$ (1,438,004)	\$ 56,915
Denominator:				
Weighted average Common shares				
Outstanding	12,871,659	12,748,149	12,868,934	12,733,312
Dilutive effect of stock options	—	442,168	—	466,354
Total Shares	12,871,659	13,190,317	12,868,934	13,199,666
Diluted EPS	\$ (0.04)	\$ 0.00	\$ (0.11)	\$ 0.00

(4) Share-Based Payments

The Company measures the cost of employee services received in exchange for an award of equity instruments based on the grant date fair value of the award. That cost is recognized over the period during which an employee is required to provide services in exchange for the award, the requisite service period (usually the vesting period). The Company provides an estimate of forfeitures at initial grant date. Reductions in compensation expense associated with the forfeited options are estimated at the date of grant, and this estimated forfeiture rate is adjusted periodically based on actual forfeiture experience. The company uses the Black-Scholes option pricing model to determine the fair value of the stock options granted.

There were no stock options granted under the Company's 2009 Stock Incentive Plan (the "Plan") during the quarters ended September 29, 2012 and October 1, 2011. During the three and nine months ended September 29, 2012 the

Company recognized \$55,127 and \$168,378, respectively as share-based compensation expense related to previously granted shares under the Plan. During the three and nine months ended October 1, 2011 the Company recognized \$45,958 and \$158,449, respectively, as share-based compensation expense related to previously granted shares under the Plan.

There were no option exercises during the quarter ended September 29, 2012. During the quarter ended October 1, 2011, 31,500 stock options were exercised. No options expired during the quarters ended September 29, 2012 and October 1, 2011.

(5) Inventories

Inventories consist of the following:

	September 29, 2012	December 31, 2011
Raw materials	\$380,217	\$390,281
Work in process	1,690,106	1,686,966
Finished goods	1,230,925	1,061,370
Inventories	\$3,301,248	\$3,138,617

(6) Accrued Expenses

Accrued expenses consist of the following:

	September 29, 2012	December 31, 2011
Accrued legal and accounting	\$71,500	\$72,700
Accrued payroll	474,181	456,322
Accrued other	290,083	131,009
	\$835,764	\$660,031

(7) Line of Credit and Equipment Lease Facility Agreements

In May of 2012 the Company increased its \$1 million revolving line of credit ("LOC") to \$2 million and renewed its \$1.25 million equipment finance facility ("Lease Line") with Sovereign Bank. Both agreements mature in May 2013. The Lease Line was subsequently reduced to \$500 thousand in November 2012. The LOC is secured by the accounts receivable and other assets of the Company, has an interest rate of prime plus one percent (1.75%) and a one-year term. Under the terms of the agreement, the Company is required to maintain its operating accounts with Sovereign Bank. The LOC and the Lease Line are cross defaulted and cross collateralized. The Company is also subject to certain financial covenants within the terms of the line of credit that require the Company to maintain a targeted coverage ratio as well as targeted debt to equity and current ratios. The borrowing base under the line of credit was \$912,000 of which \$400,000 was outstanding at September 29, 2012. At September 29, 2012, the Company had \$235,000 of capital equipment financed by the Lease Line and \$1.015 million available remaining on the equipment finance facility. The Company is in compliance with both facilities. (See Subsequent Events for more detail.)

(8) Income Taxes

At December 31, 2011, the Company had approximately \$1,368,000 of net operating loss carryforwards available to offset future income for U.S. Federal income tax purpose.

The Company recorded a tax benefit of \$274,000 and \$741,000 for federal income taxes and a tax benefit of \$77,000 and \$209,000 for state income taxes during the three and nine months ended September 29, 2012.

The Company has a current and non-current deferred tax asset aggregating \$2,430,817 and \$1,480,817 on the Company's balance sheet at September 29, 2012 and December 31, 2011, respectively. A valuation allowance is required to be established or maintained when it is "more likely than not" that all or a portion of deferred tax assets will not be realized. The Company believes that it will generate sufficient future taxable income to realize the tax benefits related to the remaining deferred tax assets and as such no valuation allowance has been provided against the deferred tax asset.

(9) Commitment

In July 2006, the Company entered into a lease for its current operating facilities of approximately 37,520 square feet of rentable space located on approximately seven acres at its current site in Norton, MA. The term of the lease is ten years. The lease is a triple net lease wherein the Company is responsible for payment of all real estate taxes, operating costs and utilities. The Company also has an option to buy the property and a first right of refusal during the term of the lease. Annual rental payments are \$100,000 in year one increasing to \$150,000 in year ten.

In February 2011, the Company entered into a one-year lease with five options to renew for one year periods, for approximately 13,800 square feet of rentable space inside a larger building located at 79 Walton Street, Attleboro, Massachusetts. Monthly rent, which includes utilities, is \$6,900. In October 2012 the Company renewed for the one year period starting February 2013 and ending January 2014.

As of September 29, 2012 production equipment included \$135,868 of construction in progress and the Company had \$238,000 in outstanding commitments to purchase production equipment. The Company intends to finance production equipment with existing cash balances and funds generated by operations or with the Lease Line.

(10) Subsequent Events

In October 2012, the Company renewed for one year ending January 2014 its lease at 79 Walton Street in Attleboro, Massachusetts. The Company has three additional options to renew for one year periods at a cost, including utilities, of \$6,900 per month.

In November 2012, the Company and Sovereign Bank agreed to a modification of its Line of Credit and Lease Line. The modification waived a covenant violation at the end of the third quarter, modified future covenants, expanded the definition of receivables included in the borrowing base and reduced the Lease Line from \$1.25 million to \$500 thousand.

ITEM 2 MANagements DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis of financial condition and results of operations is based upon and should be read in conjunction with the financial statements of the Company and notes thereto included in this report and the Company's Annual Report on Form 10-K for the year ended December 31, 2011.

Forward-Looking Statements

This Quarterly Report on Form 10-Q contains forward-looking statements that involve a number of risks and uncertainties. There are a number of factors that could cause the Company's actual results to differ materially from those forecasted or projected in such forward-looking statements. Readers are cautioned not to place undue reliance on these forward-looking statements which speak only as of the date hereof. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements which may be made to reflect events or changed circumstances after the date hereof or to reflect the occurrence of unanticipated events.

Critical Accounting Policies

The critical accounting policies utilized by the Company in preparation of the accompanying financial statements are set forth in Part II, Item 7 of the Company's Annual Report on Form 10-K for the year ended December 31, 2011, under the heading "Management's Discussion and Analysis of Financial Condition and Results of Operations". There have been no material changes to these policies since December 31, 2011.

Overview

CPS Technologies Corporation (the 'Company' or 'CPS') provides advanced material solutions to the electronics, power generation, automotive and other industries. In 2008 the Company also entered into a cooperative agreement with the U.S. Army to further develop its composite technology to produce armor.

The Company's products are generally used in high-power, high-reliability applications. These applications always involve energy use or energy generation and the Company's products allow higher performance and improved energy efficiency. The Company is an important participant in the growing movement towards alternative energy and "green" lifestyles. For example, the Company's products are used in mass transit, hybrid and electric cars, wind-turbines for electricity generation as well as routers and switches for the internet which in turn allows telecommuting.

The Company's primary advanced material solution is metal matrix composites (MMCs), a new class of materials which are a combination of metal and ceramic. CPS has a leading, proprietary position in metal matrix composites. Metal matrix composites have several superior properties compared to conventional materials including improved thermal conductivity, thermal expansion matching, stiffness and light weight which enable higher performance and

higher reliability in our customers' products.

Like plastics several decades ago, we believe metal-matrix composites will penetrate many end markets over many years. CPS management believes our business model of providing advanced material solutions to a portfolio of high growth end markets which are, at any point in time, in various stages of the technology adoption lifecycle, provides CPS with the opportunity for sustained growth and a diversified customer base. We believe we have validated this model as we are now supplying customers at all stages of the technology adoption lifecycle.

CPS is the leader in supplying metal matrix composites to certain high growth electronics end markets which are well along in the adoption lifecycle and therefore generating significant demand. These end markets include high-performance integrated circuits and circuit boards used in internet switches and routers, as well as motor controllers used in high-speed electric trains, subway cars and wind turbines. CPS supplies heat spreaders, lids and baseplates to customers in these end markets. CPS is a fully qualified manufacturer for many of the world's largest electronics OEMs.

CPS also assembles housings and packages for hybrid circuits. These housings and packages may include components made of metal-matrix composites; they may include components made of more traditional materials such as aluminum and copper-tungsten.

A market at an earlier stage of the adoption lifecycle is the market for hybrid and electric automobiles. The Company recently announced a multi-year supply agreement with a major tier one automotive supplier for the supply of AlSiC pin fin baseplates for use in motor controllers for hybrid and electric automobiles.

We are also actively working with customers in end markets at the beginning stages of the adoption lifecycle. An example of such a market is the market for armor. In 2008 the Company entered into a cooperative agreement with the Army Research Laboratory to further develop large hybrid metal matrix composite modules which integrally combine metal matrix composites and ceramics by enveloping ceramic tiles with MMCs. This system offers a lighter weight, durable, multi-hit capable and cost competitive alternative to conventional steel, aluminum and ceramic based armor systems. CPS hybrid hard face armor modules are comprised of multiple materials completely enveloped within and mechanically and chemically bonded to lightweight and stiff aluminum metal matrix composites.

The Company believes that its hybrid hard face armor tiles will find application in many military vehicles as well as armored commercial vehicles.

Our products are manufactured by proprietary processes we have developed including the Quickset™ Injection Molding Process ('Quickset Process') and the QuickCast™ Pressure Infiltration Process ('QuickCast Process').

CPS was incorporated in Massachusetts in 1984 as Ceramics Process Systems Corporation and reincorporated in Delaware in April 1987 through a merger into a wholly-owned Delaware subsidiary organized for purposes of the reincorporation. In July 1987, CPS completed our initial public offering of 1.5 million shares of our Common Stock. In March 2007, we changed our name from Ceramics Process Systems Corporation to CPS Technologies Corporation.

Results of Operations for the Third Fiscal Quarter of 2012 (Q3 2012) Compared to the Third Fiscal Quarter of 2011 (Q3 2011); (all \$ in 000's)

Revenue totaled \$2,744 in Q3 2012, a 44% decrease from total revenue of \$4,901 generated in Q3 2011. Several factors contributed to this shortfall, including: weak orders for traction products, a decline in the demand for heatspreaders and lids as certain products approach end of life, a reduction in revenues earned from our Cooperative Agreement with the US Army Research Laboratory, a decline in the sale of hermetic packages and a decrease in the sale of baseplates for hybrid and electric vehicle applications.

The Company incurred a loss at the gross margin level in Q3 2012 of \$236 or 9% of sales, compared with a positive gross margin of \$892 or 18% of sales in Q3 2011. This decline was primarily due to the lower sales volumes across most product lines which resulted in fixed costs being spread over fewer revenue dollars and, to a lesser degree, lower manufacturing yields; in addition, the Company incurred approximately \$100 of obsolescence charges for slow moving products in Q3 2012 compared with \$0 in Q3 2011.

Selling, general and administrative (SG&A) expenses were \$641 in Q3 2012, down 23% from SG&A expenses of \$835 in Q3 2011. This reduction was due to lower compensation and benefit expenses, including the suspension of the Company's 401K match program in Q1 2012, and, to a lesser degree, lower sales commissions associated with lower sales volume.

The Company incurred an operating loss of \$877 in Q3 2012, compared with an operating profit of \$57 in the same quarter last year. This decrease was primarily due to a decline in gross margin due to a drop in sales volume, partially offset by lower SG&A expenses. Interest expense totaled \$5 in Q3 2012 compared with \$9 in Q3 2011.

The net loss for Q3 2012 totaled \$531 versus net income of \$28 in Q3 2011.

Results of Operations for First Nine Months of 2012 Compared to First Nine Months of 2011 (all \$ in 000's)

Total revenue was \$9,927 in the first nine months of 2012, a decrease of 36% from total revenue of \$15,583 generated during the first nine months of 2011. The Company continues to be adversely affected by the weak economies in Europe and the slowdown in traction spending in China. Several other factors contributed to the decline in revenues including the fact that certain lids and heatspreaders are approaching end of life and a significant reduction in revenues earned from our Cooperative Agreement with the US Army Research Laboratory, as well as a decline in the sale of hermetic packages. The impact of these factors was offset, in small part, by an increase in the sale of baseplates for hybrid and electric vehicle applications.