

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Materion Brush Inc.		06/20/2013	CORPORATION:

RECEIVING PARTY DATA

Name:	JPMorgan Chase Bank, N.A., as Administrative Agent
Street Address:	10 SOUTH DEARBORN
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603
Entity Type:	NATIONAL BANKING ASSOCIATION: UNITED STATES

PROPERTY NUMBERS Total: 7

Property Type	Number	Word Mark
Registration Number:	0780830	THERMALOX
Serial Number:	85805328	DUROX
Registration Number:	3576675	DUROX
Registration Number:	3570324	BW3250
Registration Number:	3307169	BW 1000
Serial Number:	85605486	ALBECAST
Registration Number:	2131864	CUPACK

CORRESPONDENCE DATA

Fax Number: 2149813400
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
 Phone: 214-981-3483
 Email: dclark@sidley.com
 Correspondent Name: Dusan Clark, Esq.
 Address Line 1: Sidley Austin LLP
 Address Line 2: 717 N. Harwood St., Suite 3400

CH \$190.00 0780830

Address Line 4: Dallas, TEXAS 75201

ATTORNEY DOCKET NUMBER: 36084-36090

NAME OF SUBMITTER: Dusan Clark

Signature: /Dusan Clark/

Date: 06/21/2013

Total Attachments: 4

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**CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES TRADEMARKS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES TRADEMARKS (the "Confirmatory Grant") is made effective as of June 20, 2013 by and from MATERION BRUSH INC., an Ohio corporation (the "Grantor"), to and in favor of JPMORGAN CHASE BANK, N.A., (the "Grantee") for itself and as Administrative Agent for the Lenders (as defined in the Credit Agreement referenced below).

WHEREAS, Materion Corporation (the "Company") (together with the Lenders) and Grantee have entered into a Second Amended and Restated Credit Agreement dated as of June 20, 2013 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement").

WHEREAS, the Grantor, along with certain other Subsidiaries of the Company, has guaranteed the repayment of the Secured Obligations pursuant to a Second Amended and Restated Guaranty dated June 20, 2013 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Guaranty").

WHEREAS, the Company, the Grantor and certain Subsidiaries of the Company have entered into a Second Amended and Restated Pledge and Security Agreement dated June 20, 2013 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement").

WHEREAS, the Grantor owns the trademarks (the "Trademarks") listed on Exhibit A attached hereto, which Trademarks are pending or registered with the United States Patent and Trademark Office.

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted to Grantee under the Security Agreement. The rights and remedies of Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Security Agreement and the other Loan Documents, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Confirmatory Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms not defined herein shall have the respective meaning given to them in the Credit Agreement.

2) The Security Interest.

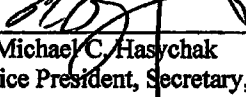
(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of (i) all the Secured Obligations and (ii) all of the obligations and liabilities of the Subsidiary Guarantors under the Guaranty. Upon the payment in full of all Secured Obligations (other than contingent indemnification obligations), Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to Grantor all reasonably requested instruments in writing releasing the security interest in the Trademarks acquired under this Confirmatory Grant.

(b) The Grantor hereby grants to Grantee a security interest in (1) all of Grantor's right, title and interest in and to the Trademarks set forth in Exhibit A now owned or from time to time

after the date hereof owned or acquired by the Grantor, together with (2) all proceeds of the Trademarks, (3) the goodwill associated with such Trademarks and (4) all causes of action arising prior to or after the date hereof for infringement of the Trademarks or unfair competition regarding the same.

IN WITNESS WHEREOF, the Grantor has executed this Confirmatory Grant of Security Interest effective as of the date first written above.

MATERION BRUSH INC.

By: 
Name: Michael C. Hasychak
Title: Vice President, Secretary, and Treasurer

Confirmatory Grant of Security Interest in United States Trademarks

TRADEMARK
REEL: 005054 FRAME: 0339

CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES TRADEMARKS
Exhibit A - SCHEDULE OF TRADEMARKS

MARK	OWNER	STATUS	SER. NO.	FILING DATE	REG. NO.	REG. DATE
THERMALO X	Materion Brush Inc.	Registered	72/186,691	2/14/1964	780,830	12/1/1964
DUROX	Materion Brush Inc.	Published	85/805,328	12/18/201 2		
DUROX	Materion Brush Inc.	Registered	77/012,847	10/3/2006	3,576,675	2/17/2009
BW3250	Materion Brush Inc.	Registered	77/012,852	10/3/2006	3,570,324	2/3/2009
BW 1000	Materion Brush Inc.	Registered	78/920,777	6/30/2006	3,307,169	10/9/2007
ALBECAST	Materion Brush Inc.	Published	85/605,486	4/23/2012		
CUPACK	Materion Brush Inc.	Registered	75/124,574	6/24/1996	2,131,864	1/27/1998

Exhibit A