

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3564426

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH G. KAISER	10/10/2014
AARON M. VODNICK	10/10/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MATERION CORPORATION
<b>Street Address:</b>	6070 PARKLAND BOULEVARD
<b>City:</b>	MAYFIELD HEIGHTS
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14879831
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)363-9001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	216.363.9000
<b>Email:</b>	sbobka@faysharpe.com
<b>Correspondent Name:</b>	FAY SHARPE LLP
<b>Address Line 1:</b>	1228 EUCLID AVENUE, 5TH FLOOR
<b>Address Line 2:</b>	THE HALLE BUILDING
<b>Address Line 4:</b>	CLEVELAND, OHIO 44115
<b>ATTORNEY DOCKET NUMBER:</b>	MATE 200057US01
<b>NAME OF SUBMITTER:</b>	RICHARD M. KLEIN
<b>SIGNATURE:</b>	/Richard M. Klein/
<b>DATE SIGNED:</b>	10/09/2015
<b>Total Attachments: 6</b>	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, **Joseph G. Kaiser** of Barrington, Rhode Island and **Aaron M. Vodnick** of East Greenwich, Rhode Island

who has/have created a certain invention for which an application for United States Letters Patent has been

- executed concurrently herewith
- executed on \_\_\_\_\_
- filed as U.S. Serial No. 62/061,824 on October 9, 2014
- filed as International Application No. \_\_\_\_\_ on \_\_\_\_\_

and is entitled

**PERFORATED CORE CLAD METAL LAMINATE AND METHOD FOR MAKING A PERFORATED CORE CLAD METAL LAMINATE**

Do hereby sell, assign and transfer to **Materion Corporation**, having a place of business at 6070 Parkland Boulevard, Mayfield Heights, Ohio 44124, (hereinafter Assignee) its successors, assigns, and legal representatives, the full and exclusive right, title, and interest in and to said invention and said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, reexaminations, extensions thereof, and all other forms of protection relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;

Agree that said Assignee may apply for and receive Letters Patent for said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reexaminations, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for

vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.


IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of LINCOLN State of RHODE ISLAND  
on this 10TH day of OCTOBER, 2014.

  
\_\_\_\_\_  
Joseph G. Kaiser

State of RHODE ISLAND )  
County of PROVIDENCE ) ss:

On this 10TH day of OCTOBER, 2014 before me personally came Joseph G. Kaiser, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public # 61310  
Bonnie-Jo Parkin  
Seal My Commission Expires 11/21/2015

Signed at the City of Lincoln State of Rhode Island  
on this 10th day of October, 2014.

Aaron M. Vodnick  
Aaron M. Vodnick

State of Rhode Island )  
County of Providence )ss:

On this 10th day of October, 2014 before me personally  
came Aaron M. Vodnick, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

Jo Larkin  
Notary Public #161370  
Baltimore - Jo Larkin  
Seal My Commission Expires 11/21/2015

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, **Joseph G. Kaiser** of Barrington, RI and **Aaron M. Vodnick** of East Greenwich, RI

who has/have created a certain invention for which an application for United States Letters Patent has been

- executed concurrently herewith
- executed on \_\_\_\_\_
- filed as U.S. Serial No. 62/181,436 on June 18, 2015
- filed as International Application No. \_\_\_\_\_ on \_\_\_\_\_

and is entitled

**METAL LAMINATE WITH METALLURGICAL BONDS AND REDUCED-DENSITY METAL CORE LAYER AND METHOD FOR MAKING SAME**

Do hereby sell, assign and transfer to Materion Corporation, having a place of business at 6070 Parkland Boulevard, Mayfield Heights, OH 44124, (hereinafter Assignee) its successors, assigns, and legal representatives, the full and exclusive right, title, and interest in and to said invention and said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, reexaminations, extensions thereof, and all other forms of protection relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;

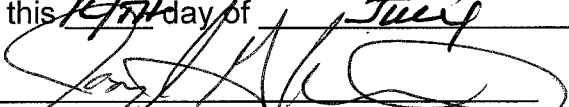
Agree that said Assignee may apply for and receive Letters Patent for said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reexaminations, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for

vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

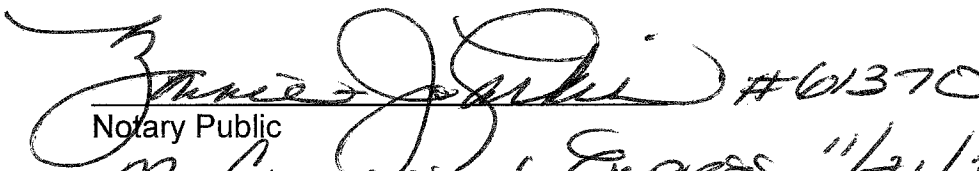
IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of LINCOLN State of RHODE ISLAND  
on this 14~~th~~ day of JULY, 2015.

  
\_\_\_\_\_  
Joseph G. Kaiser

State of RHODE ISLAND )  
County of PROVIDENCE )  
  )ss:

On this 14~~th~~ day of JULY, 2015 before me personally came Joseph G. Kaiser, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public #61370  
My Commission Expires 11/21/2015  
Seal

Signed at the City of Lincoln State of Rhode Island  
on this 29 day of June, 2015.

Aaron M. Vodnick  
Aaron M. Vodnick

State of RHODE ISLAND )  
County of PROVIDENCE )ss:

On this 29th day of JUNE, 2015 before me personally  
came Aaron M. Vodnick, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

Janice J. Curtis  
Notary Public #61370  
My Commission Expires 11/21/2015  
Seal