#### 504444314 07/06/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JONATHAN C. KIM	06/28/2017
BRADLEY M. LEHMAN	06/28/2017
DORIN OCTAVIAN NEACSU	06/28/2017
ROY BALL	07/03/2017

# **RECEIVING PARTY DATA**

Name:	MERSEN USA NEWBURYPORT-MA, LLC
Street Address:	374 MERRIMAC ST.
City:	NEWBURYPORT
State/Country:	MASSACHUSETTS
Postal Code:	01950
Name:	NORTHEASTERN UNIVERSITY
Street Address:	360 HUNTINGTON AVENUE
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02115

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15642409

# **CORRESPONDENCE DATA**

Fax Number: (440)684-1095

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.

Phone: 440-684-1090

Email: lcahill@kusnerjaffe.com

**Correspondent Name:** MICHAEL A. JAFFE, KUSNER & JAFFE Address Line 1: 6150 PARKLAND BOULEVARD, SUITE 105

Address Line 2: PARAGON CENTER II

Address Line 4: MAYFIELD HEIGHTS, OHIO 44124

ATTORNEY DOCKET NUMBER: MER11652US

**PATENT** REEL: 042915 FRAME: 0552 504444314

NAME OF SUBMITTER:	MICHAEL A. JAFFE
SIGNATURE:	/Michael A. Jaffe/
DATE SIGNED:	07/06/2017
Total Attachments: 5	
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PATENT REEL: 042915 FRAME: 0553

Practitioner's l	Docket No. MER11652US	
Applicant Ref:		

**PATENT** 

For:

U.S. Rights and Foreign Rights

For:

U.S. Application

By:

Inventors

# ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

# ASSIGNOR(S):

Name:

Jonathan C. Kim

Address:

21015 36th Avenue

Bayside, New York 11361

Name:

Bradley M. Lehman

Address:

384 School Street

Belmont, Massachusetts 02478

Name:

Dorin Octavian Neacsu 17 Providence Road

Address:

Westford, Massachusetts 01886-1935

Name:

Roy Ball

Address:

5040 NW 116th Ave.

Coral Springs, Florida 33076

hereby sell, assign and transfer to

ASSIGNEE:

Name:

Mersen USA Newburyport-MA, LLC

374 Merrimac St.

Newburyport, Massachusetts 01950

US

Country of Formation: US

Name:

Northeastern University

360 Huntington Avenue Boston, Massachusetts 02115

US

Country of Formation: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

METHOD FOR AC ARC FAULT DETECTION USING MULTIDIMENSIONAL **ENERGY POINTS** 

Assignment of Invention-page 1 of 2

Practitioner's Docket No. MER11652US Applicant Ref:	PATEN?
Application No, filed on equivalent thereof in a foreign country, includin	g the right to claim priority and, in and to, all Letten ve application or any continuation, division, renewal, or
ASSIGNOR(S) hereby covenant(s) that no as will be made or entered into which would conflict	signment, sale, agreement or encumbrance has been or with this assignment.
all pertinent facts and documents relating to said in may be known and accessible to ASSIGNOR(S litigation or proceeding related thereto and will p representatives any and all papers, instruments or and enforce said application, said invention and may be necessary or desirable to carry out the purp ASSIGNOR(S) hereby grant(s) the firm of K	GNEE will, upon its request, be provided promptly with evention and said Letters Patent and legal equivalents as and will testify as to the same in any interference, romptly execute and deliver to ASSIGNEE or its legal affidavits required to apply for, obtain, maintain, issue said Letters Patent and said equivalents thereof which coses thereof.  Support & Jaffe the power to insert or complete on this gapplication number and filing date, which may be
necessary or desirable in order to comply with the recordation of this document.	he rules of the U.S. Patent and Trademark Office for
I/We have hereunto set my/our hand(s) on the	
Date: 6/28/17 Si	gnature of <u>Jonathan C. Kim</u>
Date:	gnature of <u>Bradley M. Lehman</u>
Date:Si	gnature of <u>Dorin Octavian Neacsu</u>

Signature of Roy Ball

Assignment of invention---page 2 of 2

Practitioner's Docket No. MER11652US Applicant Ref:	PATENT .
Application No, filed equivalent thereof in a foreign country, inclu	patent application executed on even date herewith or [ ] in on and any legal ding the right to claim priority and, in and to, all Letters above application or any continuation, division, renewal, or eissue or re-examination thereof.
ASSIGNOR(S) hereby covenant(s) that no will be made or entered into which would conf	o assignment, sale, agreement or encumbrance has been or lict with this assignment.
all pertinent facts and documents relating to sai may be known and accessible to ASSIGNOI litigation or proceeding related thereto and wi representatives any and all papers, instruments	SSIGNEE will, upon its request, be provided promptly with id invention and said Letters Patent and legal equivalents as R(S) and will testify as to the same in any interference, ill promptly execute and deliver to ASSIGNEE or its legal is or affidavits required to apply for, obtain, maintain, issue and said Letters Patent and said equivalents thereof which purposes thereof.
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Date:	Signature of Jonathan C. Kim
Date: 6/28/17	Signature of Bradley M. Lehman
Date:	Signature of <u>Dorin Octavian Neacsu</u>
Date:	Signature of Roy Ball

Practitioner's Docket No. MER11652US Applicant Ref:	PATENT .
equivalent thereof in a foreign country, inch	patent application executed on even date herewith or [ ] in d on and any legal uding the right to claim priority and, in and to, all Letters above application or any continuation, division, renewal, or reissue or re-examination thereof.
ASSIGNOR(S) hereby covenant(s) that n will be made or entered into which would cont	to assignment, sale, agreement or encumbrance has been or flict with this assignment.
all pertinent facts and documents relating to sa may be known and accessible to ASSIGNO litigation or proceeding related thereto and w representatives any and all papers, instrument and enforce said application, said invention a may be necessary or desirable to carry out the ASSIGNOR(S) hereby grant(s) the firm of	SSIGNEE will, upon its request, be provided promptly with aid invention and said Letters Patent and legal equivalents as PR(S) and will testify as to the same in any interference, ill promptly execute and deliver to ASSIGNEE or its legal s or affidavits required to apply for, obtain, maintain, issue and said Letters Patent and said equivalents thereof which purposes thereof.  of Kusner & Jaffe the power to insert or complete on this ading application number and filing date, which may be
necessary or desirable in order to comply wi recordation of this document.	ith the rules of the U.S. Patent and Trademark Office for
I/We have hereunto set my/our hand(s) on	the date(s) set forth below.
Date:	Signature of <u>Jonathan C. Kim</u>
Date:	Circulation of No. 11. her state of the stat
Date: June 28th, 2017	Signature of Bradley M. Lehman
-	Signature of <u>Dorin Octavian Neacsu</u>

Signature of Roy Ball

Assignment of Invention-page 2 of 2

Practitioner's Docket No. MER11652US Applicant Ref:	PATENT
Application No, filed equivalent thereof in a foreign country, inclu	iding the right to claim priority and, in and to, all Letters above application or any continuation, division, renewal, or
ASSIGNOR(S) hereby covenant(s) that no will be made or entered into which would conf	o assignment, sale, agreement or encumbrance has been or lict with this assignment.
all pertinent facts and documents relating to samual be known and accessible to ASSIGNOI litigation or proceeding related thereto and wirepresentatives any and all papers, instruments	SSIGNEE will, upon its request, be provided promptly with id invention and said Letters Patent and legal equivalents as R(S) and will testify as to the same in any interference, ill promptly execute and deliver to ASSIGNEE or its legal is or affidavits required to apply for, obtain, maintain, issue and said Letters Patent and said equivalents thereof which purposes thereof.
assignment document any information, inclu-	of Kusner & Jaffe the power to insert or complete on this ding application number and filing date, which may be the the rules of the U.S. Patent and Trademark Office for
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Date:	Signature of <u>Jonathan C. Kim</u>
Date:	Signature of <u>Bradley M. Lehman</u>
Date:	Signature of <u>Dorin Octavian Neacsu</u> —DocuSigned by:

Assignment of Invention -- page 2 of 2

Date:\_