

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3348737

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RANDALL B. KEISLER	04/20/2015
MAXIM SILIN	05/05/2015
JOHN A. WERTZ	04/22/2015
RECEIVING PARTY DATA	
Name:	HOLLINGSWORTH & VOSE COMPANY
Street Address:	112 WASHINGTON STREET
City:	EAST WALPOLE
State/Country:	MASSACHUSETTS
Postal Code:	02032
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14550413
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<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>	
Phone:	6176468000
Email:	mchiusano@wolfgreenfield.com
Correspondent Name:	JESSAMINE N. LEE
Address Line 1:	600 ATLANTIC AVENUE
Address Line 2:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 4:	BOSTON, MASSACHUSETTS 02210-2206
ATTORNEY DOCKET NUMBER:	H0818.70107US00
NAME OF SUBMITTER:	MELANIE CHIUSANO
SIGNATURE:	/Melanie Chiusano/
DATE SIGNED:	05/12/2015
Total Attachments: 12	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Hollingsworth & Vose Company, a Massachusetts Corporation having a place of business at 112 Washington Street; East Walpole, Massachusetts 02032, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on November 21, 2014 under No. 14/550,413, bearing Attorney Docket No. H0818.70107US00, and entitled BATTERY SEPARATORS WITH CONTROLLED PORE STRUCTURE, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

April 20, 2015
Date

Randall B. Keisler
Inventor: Randall B. Keisler
Address: 35 Leonardo Drive
Clifton Park, New York 12065
Citizenship: US

STATE/Commonwealth of New York
COUNTY OF Washington :

On this 20th day of April, 2015, before me, the undersigned notary public,
personally appeared Randall Keisler, proved to me through satisfactory evidence of
identification, which were confirmed
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Laurie Moore
Notary Public

My commission expires: 09/08/2018

LAURIE MOORE
Notary Public, State of New York
No. 01MO6013062
Qualified in Washington County
My Commission Expires 09/08/2018

Date

Inventor: Maxim Sillin

Address: 3 Deer Path

Hudson, Massachusetts 01749

Citizenship: Russian Federation

STATE/Commonwealth of _____

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared _____ Maxim Sillin _____, proved to me through satisfactory evidence of
identification, which were _____

_____ to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

.....
Date

.....
Inventor: John A. Wertz

Address: 9 Winding Valley Road
Hollis, New Hampshire 03049

Citizenship: US

STATE/Commonwealth of _____
County of _____

On this _____ day of _____, before me, the undersigned notary public,
personally appeared John A. Wertz, proved to me through satisfactory evidence of
identification, which were _____
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Hollingsworth & Vose Company, a Massachusetts Corporation having a place of business at 112 Washington Street; East Walpole, Massachusetts 02032, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on November 21, 2014 under No. 14/550,413, bearing Attorney Docket No. H0818.70107US00, and entitled BATTERY SEPARATORS WITH CONTROLLED PORE STRUCTURE, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date

Inventor: Randall B. Keisler

Address: 35 Leonardo Drive

Clifton Park, New York 12065

Citizenship: US

STATE/Commonwealth of _____
County of _____:

On this _____ day of _____, before me, the undersigned notary public,
personally appeared _____ Randall Keisler _____, proved to me through satisfactory evidence of
identification, which were _____
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

5-5-2015
Date

Maxim Silin
Inventor: Maxim Silin

Address: 3 Deer Path
Hudson, Massachusetts 01749

Citizenship: Russian Federation

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 5th day of May, 2015, before me, the undersigned notary public,
personally appeared Maxim Silin, proved to me through satisfactory evidence of
identification, which were passport,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Sacqualyn Datto
Notary Public

My commission expires:

March 20, 2020

Date

Inventor: John A. Wertz

Address: 9 Winding Valley Road
Hollis, New Hampshire 03049

Citizenship: US

STATE/Commonwealth of _____

COUNTY OF _____

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared _____ John A. Wertz _____, proved to me through satisfactory evidence of
identification, which were _____

to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Hollingsworth & Vose Company, a Massachusetts Corporation having a place of business at 112 Washington Street; East Walpole, Massachusetts 02032, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on November 21, 2014 under No. 14/550,413, bearing Attorney Docket No. H0818.70107US00, and entitled BATTERY SEPARATORS WITH CONTROLLED PORE STRUCTURE, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

.....
Date

.....
Inventor: Randall B. Keisler

Address: 35 Leonardo Drive

Clifton Park, New York 12065

Citizenship: US

STATE/Commonwealth of

COUNTY OF

On this _____ day of _____, before me, the undersigned notary public,
personally appeared _____ Randall Keisler _____, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

.....
Notary Public

My commission expires:

Date

Inventor: Maxim Sillin

Address: 3 Deer Path

Hudson, Massachusetts 01749

Citizenship: Russian Federation

STATE/Commonwealth of _____

COUNTY OF _____

On this _____ day of _____, before me, the undersigned notary public,
personally appeared _____ Maxim Sillin _____, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

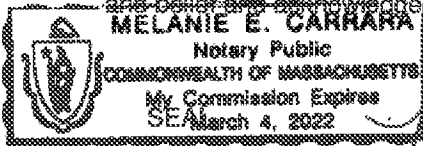
SEAL

Notary Public

My commission expires: _____

Date 4/22/15Inventor: John A. WertzAddress: 9 Winding Valley RoadHollis, New Hampshire 03049Citizenship: USSTATE/Commonwealth of Massachusetts
COUNTY OF Norfolk

On this 22nd day of April, 2015, before me, the undersigned notary public, personally appeared John A. Wertz, proved to me through satisfactory evidence of identification, which were Driver's License to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Melanie E. Carrara
Notary PublicMy commission expires: March 4, 2022