

06-03-2002



Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Anthony L. Ferreira (May 20, 2002), Norman Lifshutz (May 20, 2002), and Wai M. Choi (May 20, 2002) 5-30-02 Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies) Name: Hollingsworth & Vose Company Internal Address: Street Address: 112 Washington Street

3. Nature of Conveyance: [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: see Box 1, conveying parties

City: East Walpole State: Massachusetts Zip: 02032 Additional name(s) & address(es) attached: [ ] Yes [x] No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): 10/069,817

B. Patent No.(s): Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lisa J. Michaud NUTTER MCCLENNEN & FISH LLP Internal Address: Atty. Dkt.: 102436-0005 Street Address: One International Place City: Boston State: MA Zip: 02110-2699

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 [x] Enclosed [ ] Authorized to be charged to deposit account 8. Deposit account number: 141449 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Lisa J. Michaud Name of Person Signing Signature Date May 24, 2002 Total number of pages including cover sheet, attachments, and documents: 3

Recordation Form Cover Sheet I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: United States Patent & Trademark Office, Office of Public Records, Crystal Gateway 4, Room 335, Arlington, VA 22202, on the date shown below Dated: May 24, 2002 Signature: (Lisa J. Michaud)

OFFICE OF PUBLIC RECORDS FINANCE SECTION 10 MAY 24 2002 7:29

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01 FD:581 40.00 DP

**ASSIGNMENT**

We, Anthony L. Ferreira of Nashua, New Hampshire, Norman Lifshutz of Nashua, New Hampshire, and Wai Ming Choi of West Newton, Massachusetts, in consideration of One Dollar and other valuable consideration paid to us by

**HOLLINGSWORTH & VOSE COMPANY**

a corporation of Massachusetts, having its principal place of business at 112 Washington Street, East Walpole, MA 02032, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

**HOLLINGSWORTH & VOSE COMPANY**

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

**GEL-FORMING BATTERY SEPARATOR**

described in an application

X Serial No. **10/067,817**, filed on **February 27, 2002**

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 20 day of May, 2002.

By: [Signature]  
Anthony L. Ferreira

Then personally appeared the above named Anthony L. Ferreira and acknowledged the foregoing instrument to be his free act and deed, before me, this 20<sup>th</sup> day of May, 2002.

[seal]

~~Notary Public Jacquelyn A. Darling~~  
My commission expires: March 10, 2006

WITNESS my hand and seal this 20 day of May, 2002.

By: [Signature]  
Norman Lifshutz

Then personally appeared the above named Norman Lifshutz and acknowledged the foregoing instrument to be his free act and deed, before me, this 20<sup>th</sup> day of May, 2002.

[seal]

~~Notary Public Jacquelyn A. Darling~~  
My commission expires: March 10, 2006

WITNESS my hand and seal this 20 day of May, 2002.

By: [Signature]  
Wai Ming Choi

Then personally appeared the above named Wai Ming Choi and acknowledged the foregoing instrument to be his free act and deed, before me, this 20<sup>th</sup> day of May, 2002.

[seal]

~~Notary Public Jacquelyn A. Darling~~  
My commission expires: March 10, 2006