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U S DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket: 1346.111 USU

103622020

To the Director of the US Patent

attached original documents or copy thereof

MRD 4-6-11

1 Name of conveying party(ies)
Glenn Westwood, Seong Jin Hong and Sang In Kim

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
Name Avantor Performance Materials, Inc
Internal Address 12/998296

Street Address: 222 Red School Lane

City Phillipsburg State NJ ZIP 08865

Additional name(s) & address(es) attached? Yes No

3 Nature of conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date Jan. 21, 2011, Jan. 18, 2011 and Jan. 18, 2011

4 Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: January 18, 2011
A Patent Application No (s) _____ B. Patent No (s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: George W Rauchfuss, Jr
Internal Address: Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
Street Address One Landmark Square, Tenth Floor
City Stamford State: CT ZIP: 06901

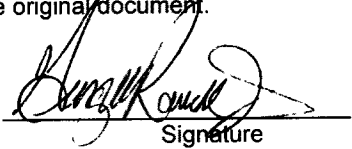
6 Total number of applications and patents involved 1

7 Total fee (37 CFR 3.41) \$. 40.00
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7 Deposit Account number _____

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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.

George W Rauchfuss, Jr  April 6, 2011
Name of person signing Signature Date

Total number of pages including cover sheet, attachments, and document 4

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 026142 FRAME: 0532

ASSIGNMENT

WHEREAS, we, Glenn WESTWOOD, 31 Valley Park South, Bethlehem, in the state of Pennsylvania, 18018, USA, and Seong Jin HONG, #1305, Bd. 303, Koaroo Apartment, Gak-ri, Ochang-eup, Cheongwon-gun, Chungcheoungbuk-do, Republic of Korea, and Sang In KIM, #1302, Bd. 105, Daemyoung Apartment, Youngdeok-dong, Giheung-gu, Yongin City, Republic of Korea, have invented the subject matter described in US provisional patent application serial no. 61/104,098 entitled AQUEOUS ACIDIC FORMULATIONS FOR COPPER OXIDE ETCH RESIDUE REMOVAL AND PREVENTION OF COPPER ELECTRODEPOSITION and filed in the United States Patent and Trademark Office on October 9, 2008 (hereafter, the "invention").

WHEREAS, Avantor Performance Materials, Inc. of Phillipsburg, New Jersey, a corporation of the State of New Jersey, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, we do hereby sell, assign and transfer unto Avantor Performance Materials, Inc., its successors and assigns, our entire right, title and interest in and to the invention, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in the United States and any foreign country based thereon, including the right to file the foreign applications under the provisions of the International Convention; also any improvements on the invention now or hereafter made by me during the period of my employment; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any United States or foreign country upon the invention and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon the invention or claim priority to the above-referenced patent application for the invention in this or any United States or foreign country; and we hereby authorize and request the issuing authority to issue any and all patents on the application(s) to Avantor Performance Materials, Inc., as assignee of our entire interest.

We further agree, without any payment by Avantor Performance Materials, Inc. other than expenses incurred by the undersigned, to communicate to Avantor Performance Materials, Inc., its representatives or agents, any fact relating to the invention, including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

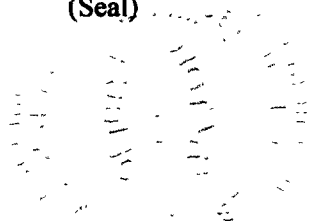
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) Glenn Westwood, Dated this 21st day of January, 2011.
Glenn WESTWOOD

ACKNOWLEDGEMENT

On this 21st day of January, 2011, before me personally appeared Glenn WESTWOOD to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.

(Seal)



Bennie L Jones
Notary Public

BENNIE L JONES
Notary Public
State of New Jersey
My Commission Expires Nov 4, 2014

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) Seong Jin Hong, Dated this 18 day of Jan., 2011.
Seong Jin HONG

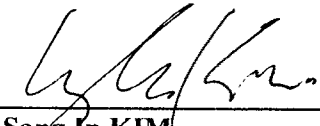
ACKNOWLEDGEMENT

On this 18th day of Jan, 2011, before me personally appeared Seong Jin HONG to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.

(Seal)

Mingyu Lee
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) , Dated this 18 day of Jan, 2011.
Sang In KIM

ACKNOWLEDGEMENT

On this 18th day of Jan, 2011, before me personally appeared Sang In KIM to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
(Seal)

Min Gyu Lee
Notary Public