04-07-2004	
115/04 RECO	DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings	716023 ▼ ▼
To the Honorable Commissioner of Patents and Trademarks:	Please record the attacneu or copy thereof.
Name of conveying party(ies): G. Martinez LOPEZ and Katsushige TSUNO	2. Name and address of receiving party(ies)
G. Martinez LOFEZ and Kaisusinge 130110	Name: JEOL Ltd.
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:
3. Nature of conveyance:	
X Assignment Merger	
Security Agreement Change of Name	Street Address: 1-2, Musashino 3-chome, Akishima
	Tokyo 196-8558, Japan
L_ Other	City: State: Zip:
Execution Date: March 9, 2004 and February 27, 2004	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 A. Patent Application No.(s)	B. Patent No.(s)
10/738,966, filed December 17, 2003	2 2
Additional numbers s	attached? Yes X No
Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	
Name: David C. Hanson	7. Total fee (37 CFR 3.41)\$ 40.00
	Enclosed
Internal Address: Webb Ziesenheim Logsdon	And what a beat a street of the street of th
Orkin & Hanson, P.C.	Authorized to be charged to deposit account
Other to Harison, 1.0.	Authorized to be charged to deposit account
Orkin & Haison, 1.C.	
	8. Deposit account number:
Street Address: 700 Koppers Building	
	8. Deposit account number:
Street Address:700 Koppers Building	8. Deposit account number: 23-0650 (Attach duplicate copy of this page if paying by deposit account)
Street Address: 700 Koppers Building 436 Seventh Avenue City: Pittsburgh State: PA Zip: 15219	8. Deposit account number: 23-0650 (Attach duplicate copy of this page if paying by acposit account)
Street Address: 700 Koppers Building 436 Seventh Avenue City: Pittsburgh State: PA Zip: 15219 DO NOT USE 9. Statement and signature.	8. Deposit account number: 23-0650 (Attach duplicate copy of this page if paying by deposit account) THIS SPACE
Street Address:	8. Deposit account number: 23-0650 (Attach duplicate copy of this page if paying by ateposit account) THIS SPACE
Street Address: 700 Koppers Building 436 Seventh Avenue City: Pittsburgh State: PA Zip: 15219 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform copy of the original document.	8. Deposit account number: 23-0650 (Attach duplicate copy of this page if paying by ateposit account) THIS SPACE nation is true and correct and any attached copy is a true
Street Address: 700 Koppers Building 436 Seventh Avenue City: Pittsburgh State: PA Zip: 15219 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform copy of the original document.	8. Deposit account number: 23-0650 (Attach duplicate copy of this page if paying by ateposit account) THIS SPACE

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450

{W0114156.1}

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, G. MARTINEZ LOPEZ and KATSUSHIGE TSUNO, do hereby sell and assign to JEOL Ltd. of 1-2, Musashino 3-chome, Akishima, Tokyo 196-8558, Japan (hereinafter designated as the Assignee), the entire right, title, and interest for the United States of America as defined in 35 U.S.C. 100, in the invention known as ENERGY FILTER AND ELECTRON MICROSCOPE for which an application for a patent in the United States of America was filed by the undersigned on December 17, 2003, bearing Application No. 10/738,966.

The undersigned agree to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant David C. Hanson (Registration No. 23,024), Richard L. Byrne (Registration No. 28,498) and Randall A. Notzen (Registration No. 36,882), 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1818, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

{W0106610.1}

PATENT REEL: 015172 FRAME: 0831

In witness whereof, executed by the undersigned on the date opposite the undersigneds' names.

Date 9th March 2004 Inventor Genover Martinez LOPEZ

Date 27th Fishway 2004 Inventor Walusty & Ism

Katsushige TSUNO

{W0106610.1}

RECORDED: 04/05/2004

- 2 -

PATENT REEL: 015172 FRAME: 0832