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1. Name(s) of conveying party(ies):  
Karel D. VAN DER MAST

2. Name and Address of receiving party(ies):  
Name: Philips Electron Optics B.V.  
Internal address: Achtseweg Noord 5, 5651 GG  
Street address: Same  
City: Eindhoven  
State: The Netherlands Zip: \_\_\_\_\_

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

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

3. Description of the interest conveyed:

- Assignment
- Security Agreement
- Change of Name
- Merger
- Other: \_\_\_\_\_

4. Application number(s) or patent number(s): Additional sheet attached?  Yes  No  
If this document is being filed together with a new application, the execution date of the application is:  
October 27, 1998.

4a. Patent Application No(s):  
\_\_\_\_\_  
\_\_\_\_\_

4b. Patent No(s):  
\_\_\_\_\_  
\_\_\_\_\_

5. Name and address of party to whom the correspondence concerning document should be mailed:  
Name: Michael O. Scheinberg  
Internal address: Fulbright & Jaworski L.L.P.  
600 Congress Ave., Suite 2400  
Street address: Same  
City: Austin  
State: Texas Zip: 78701

6. Total number of applications and patents involved:  
One (1)

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed, or  
 Authorized to be charged to deposit account.  
06-2375, under order No. P-01766/101337.

8. Deposit account number: 06-2375, under order no. 101337

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Michael O. Scheinberg  
Name of Person Signing

*Michael O. Scheinberg*  
Signature

12/4/98  
Date

Total number of pages comprising cover sheet: 1

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to Philips Electron Optics B.V. (hereinafter "Assignee") a corporation existing under the laws of the Kingdom of The Netherlands, whose business address is Achtseweg Noord 5, 5651 GG Eindhoven, The Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a "Environmental SEM with multipole fields for improved secondary electron detection" invented by me, which application:

- is executed concurrently herewith
- was executed by me/us on .....
- is Serial No. .... filed .....
- is International Application No. .... filed.....

and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

.....  
 (sign name here) *Karel D. van der Mast* ,Assignor  
 October 27, 1998  
 Date (print name here) Karel D. VAN DER MAST

.....  
 (sign name here) ,Assignor  
 Date (print name here)

.....  
 (sign name here) ,Assignor  
 Date (print name here)