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PHN 16,714

Form PTO 1595 (Rev. 6-93)

MAD 12-18-98

RECOR

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U.S. Dept. of Commerce Patent and Trademark Office

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

1. Name of conveying party(ies):
 JAN M. KRANS; MARCELLINUS P.C.M. KRIJN;
 ALEXANDER HENSTRA

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

2. Name and address of receiving party(ies):
 Name: U.S. PHILIPS CORPORATION
 Internal Address: _____
 Street Address: 1251 Avenue of the Americas
 City: New York State: NY Zip: 10020-1104
 Additional name(s) & address(es) attached?
 Yes No

JCS49 U.S. PTO 09/216256

12/18/98

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Terms
 Other _____
 Execution Date: November 30, 1998 consecutively

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 November 30, 1998.

A. Patent Application No.(s) SERIAL NO. B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: U.S. PHILIPS CORPORATION
 Internal Address: _____
 Street Address: 580 White Plains Road
 City: Larrytown State: NY Zip: 10591

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ... \$40.00 E
 Enclosed Authorized to Deposit Account

8. Deposit Account Number: 14-1270
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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.

Anne E. Barschall, Reg 31,089 _____ 12/18/98
 Name of Person Signing Signature Date
 Total number of pages including cover sheet, attachments, and document: 2

12/30/1998 SBURNS 00000045 141270 09216256

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PATENT REEL: 9666 FRAME: 0553

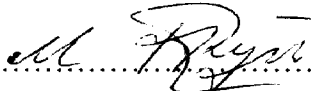
For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to U.S. Philips Corporation (hereinafter "Assignee") a corporation existing under the laws of the State of Delaware, whose business address is 1251 Avenue of the Americas, New York, NY 10020-1104, its successors and assigns, the application for a United States Patent for the improvements in a "SEM provided with an electrostatic objective and an electrical scanning device" invented by us, which application:

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

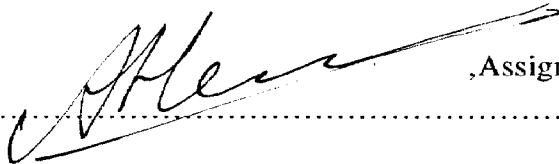
and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee 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.

30 November 1998 (sign name here)  ,Assignor

 Date (print name here) Jan M. KRANS

30 November 1998 (sign name here)  ,Assignor

 Date (print name here) Marcellinus P.C.M. KRIN

30 November 1998 (sign name here)  ,Assignor

 Date (print name here) Alexander HENSTRA

(sign name here) ,Assignor

 Date (print name here)