

11-03-1999

Client Code: GOTEB3.001CP1

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TO THE ASSISTANT COMMISSIONER FOR PATENTS. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

ARRAY PRINTERS AB

Additional name(s) of conveying party(ies) attached?

( ) Yes (X) No

2. Name and address of receiving party(ies):

Name: ARRAY DISPLAY AB

Street Address: Onnereds Brygga 13  
421 57 Vastra Frolunda  
SWEDEN

Internal Address: Same as street address

Additional name(s) of receiving party(ies) attached?

( ) Yes (X) No

3. Nature of conveyance:

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

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) October 5, 1999

4. Application number(s) or Patent number(s):

( ) Application(s) filed herewith Execution Date(s):

Patent Application No.: 09/079,659  
Filing Date: May 15, 1998

( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

Name: Jerry T. Sewell  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

Internal Address: Sixteenth Floor  
Street Address: 620 Newport Center Drive  
City: Newport Beach State: CA ZIP: 92660  
Attorney's Docket No.: GOTEB3.001CP1

7. Total fee (37 CFR 3.41): \$40

Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: One

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.

Jerry T. Sewell  
Name of Person Signing

*Jerry T. Sewell*  
Signature

OCTOBER 27, 1999  
Date

31,567  
Registration No.

Total number of pages including cover sheet, attachments and document: Two

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

11/02/1999 MTHA11 00000160 09079659

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102699

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 010347 FRAME: 0939

ASSIGNMENT

WHEREAS, WE ARRAY PRINTERS AB, a company organized and existing under the laws of Sweden, located at Önnereids Brygga 13, 421 57 VÄSTRA FRÖLUNDA, have acquired the rights to US patent application 09/079,659 entitled "THERMAL DISPLAY".

WHEREAS, ARRAY DISPLAY AB, a corporation organized and existing under the laws of Sweden, located at Önnereids Brygga 13, 421 57 VÄSTRA FRÖLUNDA, Sweden, is desirous of acquiring the entire right, title and interest in and to said Patent application and the future patent issued thereof;

NOW THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN THAT WE, the said ARRAY PRINTERS AB for and in consideration of the sum of One Dollar (USD 1,00) lawful money of the United States, to us in hand paid by said ARRAY DISPLAY AB the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed, and by these presents sell, assign, transfer, and convey unto said ARRAY DISPLAY AB, its successors, and assigns, the entire right, title, and interest in and to the said invention entitled "THERMAL DISPLAY", which invention is set forth and described in US patent application No.09/079,659.

AND WE, the said ARRAY PRINTERS AB, do hereby authorize and request the Commissioner of Patents to register said Patent application and the Letter Patent to be issued thereof in the United States in the name of said ARRAY DISPLAY AB as assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ARRAY DISPLAY AB, its successors, and assigns.

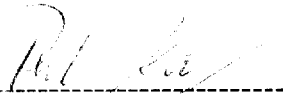
AND WE, said ARRAY DISPLAY AB, do hereby accept this Assignment with all its rights and obligations.

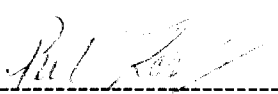
IN WITNESS WHEREOF, the parties have signed this Assignment on the date below written.

Göteborg, October 5, 1999

ASSIGNOR

ASSIGNEE





ARRAY PRINTERS AB

ARRAY DISPLAY AB

Title: Managing Director

Title: Managing Director