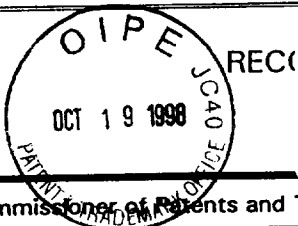


FORM PTO-1595

1-31-92

Docket



10-27-1998



100861263

U.S. DEPARTMENT 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): M20 10-19-98

Michael Geraint ROBINSON; Craig TOMBLING;  
 Nicholas MAYHEW; Paul BONNETT;  
 Michael John TOWLER

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

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

Name: Sharp Kabushiki Kaisha  
 Street Address: 22-22, Nagaike-cho, Abeon-Ku,  
 City: Osaka State: Japan ZIP: 545-8522

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: September 22, 1998

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

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:

A. Patent Application No.(s) 09/124,655

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Neil A. DuChez, Esq.Internal Address: RENNER, OTTO,BOISSELLE & SKLAR, P.L.L.Street Address: 1621 Euclid Ave., 19th FloorCity: Cleveland State: Ohio ZIP: 441156. Total number of applications and patents involved: [1]7. Total fee (37 CFR 3.41):.....\$ 40.00 E☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

DO NOT USE THIS SPACE

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.

Neil A. DuChez

Name of Person Signing

Signature

October 13, 1998

Date

Reg. No. 26,725 Total number of pages including cover sheet, attachments and document: 4

**ASSIGNMENT**

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Michael Geraint ROBINSON; 305 Kiowa Place, Boulder,  
Colorado, 80303 U.S.A.
2. Craig TOMBLING; Jasmine Cottage, Bakehouse Yard,  
Bear Lane, Stadhampton,  
Oxfordshire OX44 7UR U.K.
3. Nicholas MAYHEW; 20 Prestwich Place, Oxford OX2 0ED  
U.K.
4. Paul BONNETT; 99 Pheasant Walk, Littlemore, Oxford  
OX4 4XX U.K.
5. Michael John TOWLER; 20 The Garth, Botley, Oxford  
OX2 9AL U.K.

has invented and owns a certain invention entitled:

SPATIAL LIGHT MODULATOR AND DISPLAY

for which application for Letters Patent of the United States was filed on July 29, 1998, and having Express Mail No. EE657542795US, and

WHEREAS, the ASSIGNEE:

SHARP KABUSHIKI KAISHA  
22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;


ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 22nd day of September, 1998.

1.   
(Michael Geraint ROBINSON)

2.   
(Craig TOMBLING)

3.   
(Nicholas MAYHEW)

4.   
(Paul BONNETT)

5.   
(Michael John TOWLER)