

# RECORDATION FOR PATENTS

OMB No. 0651-011 (exp. 4/94)

08-25-2000



DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101442518

To the Honorable Commissioner of Patents and Trademarks: F

or copy thereof.

1. Name of conveying party(ies):

Andrew Kay  
Paul Philip Boca  
Ryoji Sakurai

*Handwritten initials and date: MMD 8-21-00*



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

3. Nature of conveyance:

- [ x ] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_

Execution Date: July 26, 2000

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

Name: SHARP KABUSHIKI KAISHA

Internal Address: \_\_\_\_\_

Street Address: 22-22, Nagaikecho, Abeno-ku

City: Osaka

State/Country: Japan ZIP: 545-8522

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, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/580,223

B. Patent No.(s)

08/23/2000 WKORDMA 00000052 09580223

03 FC:581

40.00 Additional Numbers attached? [ ] Yes [ x ] No

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

Name: Neil A. DuChes

Internal Address: Renner, Otto, Boisselle & Sklar

Street Address: 1621 Euclid Avenue

19th Floor

City: Cleveland

State: Ohio ZIP: 44115-2191

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) .....\$ 40.00

[ x ] Enclosed

[ ] Authorized to be charged to deposit account

8. Deposit account number:

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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.

Neil A. DuChes

Name of Person Signing

Signature

Date

8-17-00

Reg. No. 26,725 Total number of pages including cover sheet attachments, and document: [ 5 ]

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 011015 FRAME: 0790

## **ASSIGNMENT**

WHEREAS, the ASSIGNOR(S), being the following named inventors(s):

Andrew KAY  
99 Hurst Street, Oxford OX4 1HA, United Kingdom

Paul Philip BOCA  
78 Chesterfield Gardens, Haringey, London N4 1LR, United Kingdom

Ryoji SAKURAI  
Sarasenia B115, 15-10, Sugawaracho, Izumiotsu-shi,  
Osaka 595-0066 Japan

are inventor(s) of and owner(s) of rights to a certain invention entitled:

For: MULTICHANNEL SYNCHRONISED COMMUNICATION

for which application for Letters Patent of the United States was executed on the date indicated below, and

WHEREAS, the ASSIGNEE:

SHARP KABUSHIKI KAISHA  
22-22, Nagaikecho, 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(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) 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(S) 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(S) 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(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or his 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.

Signed:

Date:

Andrew Kay  
Andrew Kay

July 26, 2000

P. Boca  
Paul Philip Boca

July 26, 2000

Ryoji Sakurai  
Ryoji Sakurai

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Signed:

Date:

\_\_\_\_\_  
Andrew Kay

\_\_\_\_\_  
Paul Philip Boca

\_\_\_\_\_  
Ryoji Sakurai

*Ryoji Sakurai*

\_\_\_\_\_  
July 26, 2000