

Form PTO-1595

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RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
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Docket No. YAMAP0924US

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

1. Name of conveying party(ies):

Rakesh Roshan
Brendan Poole
Stewart E. Hooper
Jonathan Heffernan

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

2. Name and address of receiving party(ies)

Name: Sharp Kabushiki Kaisha

Internal Address: _____

Street Address: 22-22 Nagaikecho, Abeno-ku

Osaka-shi Osaka 545-8522 Japan

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

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

Execution Date: 04/29/2004, 05/04/2004

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) 10/815,603

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Mark D. Saralino

Internal Address: _____

Renner, Otto, Boisselle & Sklar, LLP

Street Address: 1621 Euclid Avenue

Nineteenth Floor

City: Cleveland State: OH Zip: 44115

6. Total number of applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

18-0986

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9. Signature.

Mark D. Saralino

Name of Person Signing



Signature

July 20, 2004

Date

Total number of pages including cover sheet, attachments, and documents:

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

CH \$40.00 180986 10815603

ASSIGNMENT

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

Rakesh Roshan
33 Lime Walk, Headington
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Brendan Poole
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Oxford OX1 5QL
United Kingdom

Stewart Edward Hooper
9 Heyford Mead, Kidlington
Oxfordshire OX5 1AF
United Kingdom

Jonathan Heffernan
33 Denton Close
Oxford OX2 9BW
United Kingdom

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

For: A SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURING A
SEMICONDUCTOR DEVICE

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-shi
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:

Rakesh Roshan

29/04/04

Rakesh Roshan

Brendan Poole

04/05/04

Brendan Poole

Stewart Edward Hooper

29/4/04

Stewart Edward Hooper

Jonathan Heffernan

29/4/04

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