

Atty. Dkt. No. 025311-0123

FORM PTO-1595 (modified)

(Rev 6-93)

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

**Semiconductor Leading Edge
Technologies, Inc.**

Additional conveying party(ies)

NO

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

**Sharp Kabushiki Kaisha
22-22, Nagalke-cho, Abeno-ku, Osaka-shi
Osaka, 545-8522, Japan**

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

September 15, 2005

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

NO

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

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

09/597,161

B. Patent Number(s):

**6,446,645
6,586,163**

Additional numbers attached? **NO**

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

FAX: 202-672-5399**William T. Ellis****FOLEY & LARDNER LLP****Washington Harbour****3000 K Street, N.W., Suite 500****Washington, D.C. 20007-5143**6. Total number of applications/patents involved: **3**

7. Total fee (37 C.F.R. § 3.41):

\$120.00

Check Enclosed

☒ Charge to deposit account8. Deposit account number: **19-0741****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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

William T. Ellis

Signature

October 18, 2005

Name of person signing

Date

Total number of pages including cover sheet, attachments, and document: **2**

CH \$120.00 190741 09597161

Atty. Dkt. No. 025311-0123

PATENT ASSIGNMENT

WHEREAS Semiconductor Leading Edge Technologies, Inc. of 16-1 Onogawa, Tsukuba-shi, Ibaraki, 305-8569, Japan (hereinafter "Assignor") is the owner of the following United States Letters Patent(s), and the invention(s) set forth therein, as shown by the records of the United States Patent and Trademark Office:

U.S. PATENT APPLICATION NO or U.S. PATENT NO.	FILING or GRANT DATE
6,446,645	September 10, 2002
6,586,163	July 1, 2003
09/597,161	June 20, 2000

WHEREAS Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 545-8522, Japan, (hereinafter referred to singly and collectively as "Assignee") is desirous of acquiring Assignor's entire right, title and interest in and to said inventions for the United States of America, and in and to said United States Patent Application(s) and patent(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor has sold, assigned, transferred and set over, and by these presence hereby sells, assigns, transfers and sets over to Assignee all of its right, title and interest in and to said inventions for the United States of America, and in and to said patents and applications for Letters Patent listed above, including any and all divisional, continuation, continuation-in-part, reissues or extensions thereof, to be held and enjoyed by Assignee for its own use as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made. The Commissioner of Patents and Trademarks of the United States of America is hereby authorized to transfer the portion of the title indicated to said application(s) and/or patent(s) to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the Assignor, but Assignor hereby undertakes to execute and deliver to Assignee upon request all lawful documents which may be requested by Assignee, and to furnish Assignee with all facts relating to said invention as may be requested.

The undersigned hereby grant the firm of FOLEY & LARDNER LLP, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Semiconductor Leading Edge Technologies, Inc.

Date: September 15, 2005

By: Hiromi Sakurai

Name: Hiromi Sakurai
Title: Director, General Manager
Research Planning Promotion Dept.

Affirmed and Agreed to:

Sharp Kabushiki Kaisha

Date: 20/09/2005

By: Shigeo Terashima

Name: Shigeo Terashima
Title: Group General Manager
Intellectual Property Group