

03-19-2002

Docket No: 56677 (70551)

FORM PTO-1595
(Rev. 6-93)

102020804

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

COVER SHEET

PATENTS ONLY

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

1. Name of conveying party(ies):

Masao YASUDA
Masato SUMIKAWA

3-8-02

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

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

Name: Sharp Kabushiki Kaisha

Internal Address:

Street Address: 22-22, Nagaike-cho, Abeno-kuCity: Osaka State: JAPAN Zip: _____

Additional name(s) & address(es) attached? [] yes [X] no

Please see attached.

3. Nature of Conveyance:

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

Execution Date: December 12, 2001 - Consecutively

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) 10/040,804

B. Patent No.(s)

Additional numbers attached? ☐ Yes [X] No

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

Name: Peter F. Corless
(Reg. No: 33,860)Street Address: Dike, Bronstein, Roberts & Cushman
Intellectual Property Practice Group of
Edwards & Angell, LLP
P. O. Box 9169City: Boston State: MA Zip: 02209

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: 04-1105

(Attach duplicate copy of this page if paying by deposit account)

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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.*Lisa Swiszc Hazzard

Name of Person Signing

Signature

February 28, 2001

Date

Total number of pages including cover sheet, attachments, and documents [3]

OMB No. 0651-0011 (exp. 4/94)

PATENT
REEL: 012675 FRAME: 0935

03/13/2002 SZEWDIE1 00000066 10040804

02 PC:581

40.00 BP

ATTORNEY DOCKET NO.

56677(70551)

ASSIGNMENT

Application No. 10/040,804

November 8,
Filed 2001

Insert Name(s)
of Inventor(s)

➡ WHEREAS, Masao YASUDA and Masato SUMIKAWA

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title
of Invention

➡ ELECTRONIC COMPONENT AND METHOD AND STRUCTURE FOR
MOUNTING SEMICONDUCTOR DEVICE

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date
of Signing of
Application

➡ on December 12, 2001; and

Insert Name
of Assignee

➡ WHEREAS, Sharp Kabushiki Kaisha

Insert Address
of Assignee

➡ of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX
IF APPROPRIATE

➡ ☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Robert & Cushman the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date	<u>December 12, 2001</u>	Name of Inventor	<u>Masao Yasuda</u> (signature) Masao YASUDA
Date	<u>December 12, 2001</u>	Name of Inventor	<u>Masato Sumikawa</u> (signature) Masato SUMIKAWA
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)