

05-05-2003

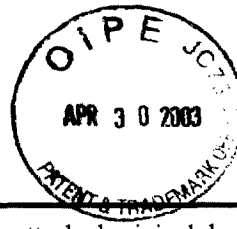
Atty Docket No.:



FORM PTO-1595
1-31-92

102438123

COVER SHEET
ONLY



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):

Mika OKUMURA
Makio HORIKAWA
Kiyoshi ISHIBASHI
Takefumi NISHIGAMI

4.30.03

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

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

Name: MITSUBISHI DENKI KABUSHIKI KAISHA
Address: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 Japan

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 01/09/03

Additional name(s) and 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)

10/380,476

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030

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

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.

Norman F. Oblon

Name of Person Signing

Signature

April 30 2003

Date

Registration Number: 24,618

Surinder Sachar

Registration No. 34,423

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

05/02/2003 6TOM11 00000051 10380476

01 FC:8021

40.00 OP

PATENT
REEL: 014014 FRAME: 0367

Assignment Of Application

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

WHEREAS, I (WE) Mika OKUMURA, Makio HORIKAWA and Kiyoshi ISHIBASHI
all of c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome,
Chiyoda-ku, TOKYO 100-8310 JAPAN

and Takefumi NISHIGAMI of
c/o KYOKUYO SEMICONDUCTORS CO. LTD. 1001-11, MIYOSHI, NISHIGOUSHI-MACHI,
KIKUCHI-GUN, KUMAMOTO 861-1197 JAPAN

INSERT TITLE
OF INVENTION:

, respectively,
have invented certain new and useful improvements in: MANUFACTURING METHOD OF A
THIN-FILM STRUCTURAL BODY

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on January 9, 2003

(Application No. 10/380,476, filed March 20, 2003), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, mitsubishi denki kabushiki kaisha
(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN,
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: January 9, 2003 MIKA OKUMURA
(Signature of Inventor) Mika OKUMURA

Date: January 9, 2003 Makio Horikawa
(Signature of Inventor) Makio HORIKAWA

Date: January 9, 2003 Kiyoshi Ishibashi
(Signature of Inventor) Kiyoshi ISHIBASHI

Date: January 9, 2003 TAKEFUMI NISHIGAMI
(Signature of Inventor) Takefumi NISHIGAMI

Date: _____
(Signature of Inventor) _____

Date: _____
(Signature of Inventor) _____

Date: _____
(Signature of Inventor) _____

Date: _____
(Signature of Inventor) _____

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202