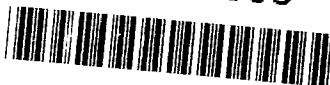


03/02/05

03-15-2005



FORM PTO-1595

(Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Docket No.: 51023-026

102958610

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Takashi KASUGA, Kohei SHIMODA, Masahiro YAMAKAWA

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

3. Nature of Conveyance:

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

Execution Date: February 17, 2005, February 18, 2005, February 18, 2005 (respectively)

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

Name: SUMITOMO ELECTRIC INDUSTRIES, LTD.

Address: 5-33, Kitahama 4-chome,

Chuo-ku,

Osaka 541-0041 JAPAN

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

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

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

February 17, 2005, February 18, 2005,

February 18, 2005 (respectively)

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of 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:

500417

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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.

Arthur J. Steiner, 26,106

March 2, 2005

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

03/14/2005 ECOOPER 00000272 500417 11068829

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40.00 DA

PATENT
REEL: 016347 FRAME: 0370

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Takashi KASUGA</u>	(4) _____
(2) <u>Kohei SHIMODA</u>	(5) _____
(3) <u>Masahiro YAMAKAWA</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SUMITOMO ELECTRIC INDUSTRIES, LTD. of 5-33, Kitahama 4-chome
Chuo-ku, Osaka 541-0041, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

[case title] CONDUCTIVE SILVER PASTE AND CONDUCTIVE FILM FORMED USING
THE SAME

(a) for which an application for United States Letters Patent was filed on [case_filing_date], and identified by United States Serial No. [case_serial_number]; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Takashi Kasuga

February 17, 2005

Name: Takashi KASUGA

2) Kohji Chinoda

February 18, 2005

Name: Kohei SHIMODA

3) Macahiro Yamakawa

February 18, 2005

Name: Masahiro YAMAKAWA

4)
Name:

5)
Name:

6)
Name: