

09-05-2003

Form PTO-1595
RECORDATION FOR

102542919

U.S. Department of Commerce
Patents & Trademark OfficeAttorney Docket No. 103203-00007
Date: August 29, 2003To the Assistant Commissioner of Patents
Please record the attached original documents or copy thereof

1. Name of conveying party(ies)

Tadao NAKAOKA
Akitoshi SUZUKI
Hideo OTSUKA
Hisao KIMIJIMA

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: FURUKAWA CIRCUIT FOIL CO., LTD

Address: 8-9, Kandanshiki-cho 1-chome,
Chiyoda-ku, Tokyo 101-0054 JAPAN

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

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: August 19, 2003 (all parties)

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: August 19, 2003 (all parties)

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: Arent Fox Kintner Plotkin & Kahn PLLC

Street Address: 1050 Connecticut Avenue, N.W., Suite 400

Washington, D.C. 20036-5339

6. Total number of applications and patents involved:

One

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

☒ Included in attached check.
☒ Any additional fees are authorized to be charged to deposit account8. Deposit account number: 01-2300
(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.

Charles M. Marmelstein

Name of Person Signing
Reg. No. 25,895

CMM/jch

Signature

August 29, 2003
Date

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

22389 U.S. PTO

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08/29/03

U.S. ASSIGNMENT

WHEREAS:

Tadao NAKAOKA, Akitoshi SUZUKI, Hideo OTSUKA and Hisao KIMIJIMA whose full post office address(es) is/are,
c/o FURUKAWA CIRCUIT FOIL CO., LTD
601-2, Otorozawa, Imaichi-city, Tochigi-ken 321-2336 Japan,
(hereinafter referred to as ASSIGNOR), has/have invented
certain new and useful improvements in an invention
entitled:

COPPER FOIL FOR CHIP-ON-FILM USE, PLASMA DISPLAY PANEL, OR
HIGH-FREQUENCY PRINTED CIRCUIT BOARD

- (a) for which an application for United States Letters Patent is being executed and filed concurrently herewith;
- (b) for which an application for United States Letters Patent was executed on _____;
- (c) for which an application for United States Letters Patent was filed on _____,
Serial No. _____;
- (d) for which an PCT International application was filed on
_____ as International application No. _____.

WHEREAS:

FURUKAWA CIRCUIT FOIL CO., LTD
8-9, Kandnishiki-cho 1-chome, Chiyoda-ku, Tokyo 101-0054
Japan
(hereinafter referred to as ASSIGNEE), is desirous of
acquiring the entire interest in, to and under said
invention and in, to and under Letters Patent or similar
legal protection to be obtained therefor in the United
States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patent of the United States and any official of any foreign country whose duty it is to issue patents of legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR 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 and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/WE have hereunto set hand and signed on the date indicated below:

INVENTOR(S)

DATE SIGNED

WITNESS(ES)

1) Tadao Nakaoka Aug. 19, 2003

Tadao NAKAOKA

Akira Matsuda

2) Akitoshi Suzuki Aug. 19, 2003

Akitoshi SUZUKI

Akira Matsuda

3) Hideo Otsuka
Hideo OTSUKA

Aug. 19, 2003

Akira Matsuda

4) Hisao Kimijima
Hisao KIMIJIMA

Aug 19, 2003

Akira Matsuda