

04-17-2000



101322465

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Hideo HONMA, Tomoyuki FUJINAMI, and Nobuo EBINA

3-14-00

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

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- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
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 Reel/Frame 010380/0108, Bar Code Number \*101204477A\*  
 to correct the third assignor's name.

Execution Date: July 13, 1999

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

Name: 1.) Hideo HONMA  
 2.) Ebara-Udylite Co., Ltd.

Address: 1.) 8-1-60, Sugita, Isogo-ku, Yokohama-shi,  
 Kanagawa-ken 235-0033, Japan  
 2.) Yamaguchi Bldg. #7 11<sup>th</sup> floor  
 19-9, Taito 4-chome, Taito-ku  
 Tokyo 110-0016, Japan

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)  
 09/355,983

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

OBLON, SPIVAK, McCLELLAND, MAIER &  
 NEUSTADT, P.C.  
 Attorneys at Law  
 Fourth Floor  
 1755 Jefferson Davis Highway  
 Arlington, Virginia 22202

## 6. Total applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

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*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

George F. Lesmes

Name of Person Signing

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11-18-1999

Atty Docket No.: 3929-0003-0X PCT/jmh

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Tomoyuki FUJINAMI  
Nobuo EDINA

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Tokyo 110-0016, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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- Change of Name
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- ☐
- Other

Execution Date: July 13, 1999

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

## A. Patent Application No.(s)

09/355,983

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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Washington, D.C. 20231PATENT  
REEL: 010686 FRAME: 0459

## Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) Hideo HONMA, Tomoyuki FUJINAMI, and Nobuo Ebina  
each having an address of 8-1-60, Sugita, Isogo-ku, Yokohama-shi, Kanagawa-ken  
235-0033, Japan, c/o Ebara-Udylite Co., Ltd., 1-1-6, Zengyozaka, Fujisawa-shi  
Kanagawa-ken 251-0876, Japan, and c/o Ebina Denka Kogyo Co., Ltd., 22-13,  
Higashikojiya 5-chome, Ota-ku, Tokyo 144-0033, Japan

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS:

\_\_\_\_\_, respectively,

INSERT TITLE  
OF INVENTION:

have invented certain new and useful improvements in: MICROPOROUS COPPER FILM  
AND ELECTROLESS COPPER PLATING SOLUTION FOR OBTAINING THE SAME,

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

for which an application for Letters Patent was executed on July 13, 1999

(Application No. 09/355,983, filed August 23, 1999), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

WHEREAS, Hideo HONMA and Ebara-Udylite Co., Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 8-1-60, Sugita, Isogo-ku,  
Yokohama-shi, Kanagawa-ken 235-0033, Japan, and Yamaguchi Bldg. #7 11th floor,  
19-9, Taito 4-chome, Taito-ku, Tokyo 110-0016, Japan

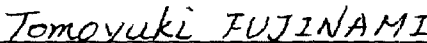

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any  
 Letters Patent that may be granted therefore in the United States and its territorial possessions and in  
 any and all foreign countries;

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, continua-  
 tions, 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: July 13, 1999  
(Signature of Inventor) Hideo HONMADate: July 13, 1999  
(Signature of Inventor) Tomoyuki FUJINAMIDate: July 13, 1999  
(Signature of Inventor) Nobuo EBINA

Date: \_\_\_\_\_

(Signature of Inventor)

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

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Washington, D.C. 20231



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422/20  
FEBRUARY 15, 2000

PTAS

OBLON, SPIVAK, MCCLELLAND, MAIER ET AL.  
NORMAN F. OBLON  
FOURTH FLOOR  
1755 JEFFERSON DAVIS HIGHWAY  
ARLINGTON, VA 22202

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RECORDATION DATE: 11/12/1999

REEL/FRAME: 010380/0108  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HONMA, HIDEO

DOC DATE: 07/13/1999

ASSIGNOR:

FUJINAMI, TOMOYUKI

DOC DATE: 07/13/1999

ASSIGNOR:

EDINA, NOBUO

DOC DATE: 07/13/1999

ASSIGNEE:

HONMA, HIDEO  
8-1-60, SUGITA, ISOGO-KU  
YOKOHAMA-SHI  
KANAGAWA-KEN 235-0033, JAPAN

ASSIGNEE:

EBARA-UDYLITE CO., LTD.  
YAMAGUCHI BLDG.#7 11TH FLOOR  
19-9, TAITO 4-CHOME, TAITO-KU  
TOKYO 110-0016, JAPAN

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OBLON, SPIVAK, McCLELLAND,  
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PATENT  
REEL: 010686 FRAME: 0462

SERIAL NUMBER: 09355983

PATENT NUMBER:

FILING DATE: 08/23/1999

ISSUE DATE:

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
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