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To the Honorable Assistant Secretary and C
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1. Name of conveying party(ies):
Hiroshi NAGASAWA Seiji IIMURA
Tsuyoshi SAHODA
Additional name(s) of conveying party(ies) attached? NO
7-31-02

2. Name and address of receiving party(ies):
Name: (1) Ebara-Udylite Co., Ltd. & (2) Ebara Corporation
Street Address: (1) Yamaguchi Bldg. #7 11th floor, 19-9, Taito 4-chome, Taito-ku, Tokyo 110-0016, Japan & (2) 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan
Additional name(s) & address(es) attached? NO

3. Nature of conveyance:
 Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other ___
Execution Date: July 19, 2002

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 31 2002
A. Patent Application No.(s)
10/140,882, filed May 9, 2002
B. Patent No.(s)
Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Nils E. Pedersen, Esq.
Street Address: 2033 K Street, N.W., Suite 800
City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41). \$40.00
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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.
Nils E. Pedersen, Reg. No. 33,145 July 31, 2002
Name of Person Signing Signature Date
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Hideki HAGIWARA, Ryoichi KIMIZUKA, Yoshitaka TERASHIMA,
Megumi MARUYAMA, Takashi MIYAKE, Hiroshi NAGASAWA, Tsuyoshi SAHODA,
and Seiji IIMURA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) Ebara-Udylite Co., Ltd. and Ebara Corporation
Address of Yamaguchi Bldg. #7 11th floor, 19-9, Taito 4-chome, Taito-ku, Tokyo 110-0016,
Japan and 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

Title of Invention (hereinafter designated as the Assignee) the entire right, title and interest for the
United States as defined in 35 USC 100, in the invention known as

Date of Signing of Application for which an application for patent in the United States has been executed by the
undersigned
on _____

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 and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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 firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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 United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date July 19, 2002, Name of the Inventor Hiroshi Nagasawa
 Hiroshi NAGASAWA

Date July 19, 2002, Name of the Inventor Tsuyoshi Sahoda
 Tsuyoshi SAHODA

Date July 19, 2002, Name of the Inventor Seiji Iimura
 Seiji IIMURA

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Milena Talciani

Witness Kazuyoshi Ota

ACKNOWLEDGMENT

_____ }
 _____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

 Official Signature

 Official Title

SEAL

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____
