**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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**RECEIVING PARTY DATA**

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<th>Name</th>
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<td>Street Address:</td>
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<tr>
<td>Internal Address:</td>
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</tr>
<tr>
<td>City</td>
<td>Miyagi</td>
</tr>
<tr>
<td>State/Country:</td>
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**CORRESPONDENCE DATA**

Fax Number: (520)882-7643  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 520-882-7623  
Email: admin@hayes-soloway.com  
Correspondent Name: Norman P. Soloway  
Address Line 1: 3450 E. Sunrise Drive, Suite 140  
Address Line 4: TUCSON, ARIZONA 85718

**ATTORNEY DOCKET NUMBER:** SHIG TRANSFER
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<th>NAME OF SUBMITTER:</th>
<th>Norman P. Soloway</th>
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ASSIGNMENT OF INVENTIONS

For: [ ] U.S. and/or [ ] Foreign Rights
For: [ ] U.S. Application or
[ ] U.S. Provisional Application
For: [X] U.S. Patents (See Exhibit A Attached)
For: [ ] PCT Application
By: [ ] Inventor(s) or [ ] Present Owner

ASSIGNOR:

(inventor(s) or person(s) or entity(ies) who own the invention)

Name: Ebara Corporation
Address: 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 JAPAN
Nationality: Japanese

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in the PTO, add the following)

Recorded on: SEE EXHIBIT A

hereby sells, assigns and transfers to

ASSIGNEE:

Name: TOHOKU TECHNO ARCH CO., LTD.
Address: 468, Aza Aoba, Aramaki, Aoba-ku, Sendai-Shi Miyagi 980-0845 JAPAN
Nationality: Japanese

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

[x] the entire right, title and interest, including right to sue for past infringement
[ ] an undivided ____________________ percent (_________%) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

[ ] and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

SEE EXHIBIT A

Name of inventor(s):

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in

(a) [ ] U.S. patent application executed on even date herewith
(b) [ ] U.S. patent application executed on: ___________________________
(c) [ ] U.S. provisional application naming the above inventor(s) for the above-
entitled invention.
[ ] Express mail label No.: __________________________
[ ] Mailed: __________________________
[ ] To comply with 37 CFR 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney to
insert below the filing date and application number when they become
known.

(d) [ ] U.S. application No: __________________________ filed on: ____________
(e) [ ] International application No: __________________________
(f) [x] U.S. patent No: see EXHIBIT A
[ ] A change of address to which correspondence is to be sent regarding
patent maintenance fees is being sent separately.

(Also check (g), if foreign application(s) is also being assigned)

(g) [ ] and any legal equivalent thereof in a foreign country, including the right to
claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any
continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-
examination thereof;

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;

IN WITNESS WHEREOF, I/we have hereunto set hand and seal this ____________

day of __________________________.

(date of signing)

Warning: The date of signing must be the same as the date of execution of the application if item (a) was
checked above.
Signature(s) of ASSIGNOR(S):

Date: July 17, 2008

EBARA CORPORATION

Natsunosuke YAGO
(type or print the name of the above person authorized
to sign on behalf of ASSIGNOR)

President and Representative Director

Title

WITNESS: Date: July 28, 2008
Name: Kazuo SHIGENOBU
Address: 7F, Admiral Kioicho Bldg.,
3-28 Kioi-cho, Chiyoda-ku, Tokyo 102-0094 JAPAN

WITNESS: Date: 
Name: 
Address: 

EXHIBIT A

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