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DT09 Rec'd PCT/PTO 06 FEB 2004

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

10/485969

Tab settings ⇨ ⇨ ⇨ ▼

To the Honorable Commission

ie attached original documents or copy thereof.

1. Name of conveying party(ies):

Toshihiko Iijima  
Shuji Akiyama  
Hiroki Hosaka  
Takashi Nakao

2-6-04

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

2. Name and address of receiving party(ies)

Name: Tokyo Electron Limited

Internal Address: \_\_\_\_\_

Street Address: 3-6, Akasaka 5-Chome

Minato-Ku, Tokyo-To, JAPAN

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 1/28/04; 1/28/04; 1/28/04; and 1/30/04, respectively

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

10/485969

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

A. Patent Application No.(s)  
PCT/JP02/13860

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Smith, Gambrell & Russell

Internal Address: \_\_\_\_\_

Street Address: 1850 M Street, N.W.

Suite 800

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .....\$ 40

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

02-4300

(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.

Michael A. Makuch

Name of Person Signing

Signature

February 6, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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CONTINUATION OF BOX 2

Name of Second Assignee:  
(Address)

MURATA KIKAI KABUSHIKI KAISHA  
3, Minami Ochiai-cho, Kisshoin  
Minami-ku, Kyoto-shi, Kyoto-Fu  
JAPAN

## ASSIGNMENT

This assignment agreement is applicable to an invention entitled:

TRANSFER SYSTEM FOR OBJECT TO BE PROCESSED, AUTOMATIC GUIDED  
VEHICLE SYSTEM, AUTOMATIC GUIDED VEHICLE, AND TRANSFER METHOD  
FOR OBJECT TO BE PROCESSED

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☐ a patent application for this invention, executed by the ASSIGNOR(S)  
concurrently with this assignment.  
☐ U.S. patent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_.  
☒ a U.S. patent application based on PCT International Application No.  
PCT/JP02/13860 filed on December 27, 2002, U.S. patent application Serial  
No. \_\_\_\_\_, if known).  
☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the  
patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only.  
☐ Worldwide patent rights. In this case, the assignee shall have the right to claim  
the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures  
appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEES referred to in this agreement are:

(Name of First Assignee) **Tokyo Electron Limited**  
(Address) **3-6, Akasaka 5-Chome**  
**Minato-Ku, Tokyo-To**  
**JAPAN**

(Name of Second Assignee) **MURATA KIKAI KABUSHIKI KAISHA**  
(Address) **3, Minami Ochiai-cho, Kisshoin**  
**Minami-ku, Kyoto-shi, Kyoto-Fu**  
**JAPAN**

The First ASSIGNEE is:

- (check one) ☐ An Individual.  
☐ A Partnership.  
☒ A Corporation of JAPAN (specify state or country)  
☐ (other)

The Second ASSIGNEE is:

- (check one) ☐ An Individual.  
☐ A Partnership.  
☒ A Corporation of JAPAN (specify state or country)  
☐ (other)

The ASSIGNOR(S), receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEES, their successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and,

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEES as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEES, their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEES, or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEES, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Toshihiko IJIMA</u>	<u>Toshihiko Ijima</u>	<u>January 28, 2004</u>
Name of sole or first inventor	Signature	Date
<u>Shuji AKIYAMA</u>	<u>Shuji akiyama</u>	<u>January 28, 2004</u>
Name of second inventor	Signature	Date
<u>Hiroki HOSAKA</u>	<u>Hiroki Hosaka</u>	<u>January 28, 2004</u>
Name of third inventor	Signature	Date
<u>Takashi NAKAO</u>	<u>Takashi Nakao</u>	<u>January 30, 2004</u>
Name of fourth inventor	Signature	Date