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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

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Hirohiko ARAI  
Kazuo TANIE  
Yasuo HAYASHIBARA  
Yukinobu SONODA  
Tomohito TAKUBO

12-1701

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

Name: JAPAN AS REPRESENTED BY  
SECRETARY OF AGENCY OF  
INDUSTRIAL SCIENCE AND  
TECHNOLOGY

Address: 3-1, Kasumigaseki 1-chome, Chiyoda-ku,  
Tokyo 100-0013, JAPAN

12-20-2001



101922591

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: January 10, 23, 12, 21, and 10,  
2001

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)  
09/774,173

B. Patent No.(s)

Additional numbers attached?  Yes  No

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



22850

6. Total 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.*

Marvin J. Spivak

Name of Person Signing

Registration Number: 24,913

*Joseph A. Scafetta Jr.*  
Signature

Joseph A. Scafetta, Jr.  
Registration No. 26,803

Dec. 17, 2001

Date

Total number of pages including this cover sheet: 3

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**PATENT**  
**REEL: 012371 FRAME: 0472**

09/774,173

202524US2PCT

# Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) 1)Hirohiko ARAI 2)Kazuo TANIE 3)Yasuo HAYASHIBARA

4)Yukinobu SONODA 5)Tomohito TAKUBO of:

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS:

1-2) c/o Mechanical Engineering Laboratory, AIST-MITI 1-2, Namiki  
Tsukuba-shi, Ibaraki 305-8564 JAPAN

3) c/o Toin University of Yokohama 1614 Kurogane-cho, Aoba-ku  
Yokohama-shi, Kanagawa 225-8502 JAPAN

4) Fujitsu Shinjo-ryo 6 364-1, Shibokuchi, Takatsu-ku Kawasaki-shi,  
Kanagawa 213-0023 JAPAN

5) c/o University of Tsukuba 1-1-1, Tennodai Tsukuba-shi, Ibaraki  
305-8573 JAPAN

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

INSERT TITLE  
OF INVENTION:

have invented certain new and useful improvements in: METHOD AND SYSTEM FOR CONTROLLING  
COOPERATIVE OBJECT-TRANSPORTING ROBOT,

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

for which an application for Letters Patent was executed on March 26, 2001

(Application No. 09/774,173, filed April 19, 2001), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

WHEREAS, JAPAN AS REPRESENTED BY SECRETARY OF AGENCY OF INDUSTRIAL  
SCIENCE AND TECHNOLOGY

(hereinafter referred to as "ASSIGNEE") having a place of business at: 3-1, Kasumigaseki  
1-chome, Chiyoda-ku, Tokyo 100-0013 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, continuations, 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: Jan. 10, 2001 Hirohiko Arai  
(Signature of Inventor) Hirohiko ARAI

Date: Jan. 23, 2001 Kazuo Tanie  
(Signature of Inventor) Kazuo TANIE

Date: Jan. 12, 2001 Yasuo Hayashibara  
(Signature of Inventor) Yasuo HAYASHIBARA

Date: Jan. 21, 2001 Yukinobu Sonoda  
(Signature of Inventor) Yukinobu SONODA

Date: Jan. 10, 2001 Tomohito Takubo  
(Signature of Inventor) Tomohito TAKUBO

Date: \_\_\_\_\_ (Signature of Inventor)

Date: \_\_\_\_\_ (Signature of Inventor)

Date: \_\_\_\_\_ (Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
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