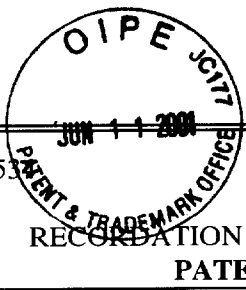


D 45



Attorney Docket No. 01053

06-15-2001

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6-11-01



101752737

Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

Submission type: XX New

Conveyance type: XX Assignment Security Agreement

Conveying Parties:			Execution Date
First party	Name:	NOMURA, Akihiro	April 17, 2001
Second party	Name:	YAMASHITA, Shinji	April 17, 2001
Third party	Name:	TAMAI, Masafumi	April 17, 2001
Fourth party	Name:	MURAKAMI, Satoshi	April 17, 2001
Fifth party	Name:	SATOU, Shinobu	April 17, 2001
Sixth party	Name:	SUZUKI, Takeo	April 17, 2001

Additional name of conveying party attached? Yes No XX

Receiving Party:
First party Name: KABUSHIKI KAISHA YASKAWA DENKI
 Address: 2-1, Kurosaki-Shiroishi, Yahatanishi-ku
 Kitakyushu-shi, Fukuoka, 806-0004, JAPAN

Additional name & address attached? Yes No XX

Domestic Representative Name and Address *(Enter for the first Receiving Party only)*

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

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Correspondent Name and Address

Telephone: 202-659-2930

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

Pages Enter the total number of pages of the attached conveyance document: 1
(including any attachments, but not counting cover sheets)

Application Number or Patent Number Additional numbers attached? Yes ☐ No ☒

A. Patent Application No.

B. Patent No.

09/807,418

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____

Patent Cooperation Treaty (PCT)

Enter PCT application number only if

a U.S. Application Number has not been assigned

PCT _____

PCT _____

PCT

Number of Properties Enter the total number of properties involved: 1

Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41)	\$40.00
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XX Enclosed

____ Authorized to be charged to Deposit Account No.: **01-2340**

Statement and signature

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.

William G. Kratz, Jr.

Name of Person Signing


Signature

Signature

June 11, 2001

Date _____

22,631

Registration No.

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

Kabushiki Kaisha Yaskawa Denki

2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka, 806-0004, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)
(*If the assignment is
being filed after the filing
of the application, this
section must be
completed)

PROTECTIVE DEVICE FOR CLEAN ROBOT

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on _____, Serial No. _____.

(Armstrong, Westerman, Hattori, McLeland & Naughton, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Akihiro Nomura</u> (SIGNATURE)	<u>Akihiro NOMURA</u> (TYPE NAME)	<u>April 17, 2001</u> (DATE)
<u>Shinji Yamashita</u> (SIGNATURE)	<u>Shinji YAMASHITA</u> (TYPE NAME)	<u>April 17, 2001</u> (DATE)
<u>Masafumi Tamai</u> (SIGNATURE)	<u>Masafumi TAMAI</u> (TYPE NAME)	<u>April 17, 2001</u> (DATE)
<u>Satoshi Murakami</u> (SIGNATURE)	<u>Satoshi MURAKAMI</u> (TYPE NAME)	<u>April 17, 2001</u> (DATE)
<u>Shinobu Satou</u> (SIGNATURE)	<u>Shinobu SATOU</u> (TYPE NAME)	<u>April 17, 2001</u> (DATE)
<u>Takeo Suzuki</u> (SIGNATURE)	<u>Takeo SUZUKI</u> (TYPE NAME)	<u>April 17, 2001</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED