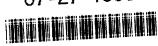
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FORM PTO-1595 (Rev. 6-93)

07-27-1998



U.S. DEPARTMENT OF COMMERCE

## OVER SHERREC'S PCT/PTO 1 7 MAR 1998

100775587	Attorney Docket No.: 040894-5298	
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	ATTN: BOX ASSIGNMENT	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
<ol> <li>Tomoyuki SHIRAKI</li> <li>Toshiaki IWANAGA</li> <li>Kazuhiro HANIYA</li> </ol>	Name: KABUSHIKI KAISHA YASKAWA DENKI	
Additional name(s) of conveying party(ies) attached?  Yes _X_ No	Internal Address:	
3. Nature of conveyance:  X Assignment Merger Security Agreement Change of Name Other	Street Address: 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka, 806 JAPAN  City:	
Execution Date: March 3, 1998	State: Zip:  Additional name(s) & address(es) attached?  Yes _X_ 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:  March 3, 1998  A. Patent Application No.(s)  B. Patent No.(s)		
Additional numbers attached: YesX No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Mr. Robert J. Gaybrick 03/23/1998 WLAYBRO 00000123 09043347 Internal Address: Morgan, Lewis Rabockius LLP	7. Total fee (37 C.F.R §3.41):\$40.00 _X Enclosed Authorized to be charged to deposit account 50-0310	
Street Address: 1800 M Street, N.W. City: Washington State: D.C. Zip: 20036	Deposit account number: 50-0310     Attach duplicate of page if paying by deposit account	
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.  J. Michael Thesz Name of Person Signing  March 17, 1998 Date  Total number of pages including cover sheet, attachments and documents: 3		

PATENT

REEL: 9332 FRAME: 0871

## ATTORNEY DOCKET NO.: SOLE/JOINT INVENTION (U.S. Rights Only)

## **ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: STOPPER FOR USE IN AN INDUSTRIAL ROBOT for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on \_\_\_\_\_\_, (Serial No. \_\_\_\_\_\_); and WHEREAS, KABUSHIKI KAISHA YASKAWA DENKI, a corporation of Japan, whose post office is \*see below (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application; NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns. AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known. IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). Assignor's Signature Tomotyuki Shurakei Full Name of Sole or First Assignor March 3, 1998 Tomoyuki Shiraki Address Citizenship Japan Fukuoka, Japan Full Name of Second Assignor Assignor's Signature Date March 3, 1998 Toshiaki Iwanaga Citizenship Japan Fukuoka, Japan Names of additional inventors attached [X] Yes [ ] No \*KABUSHIKI KAISHA YASKAWA DENKI: 2-1, Kurosaki-Shiroishi, Yahatanishi-ku,

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Kitakyushu-shi, Fukuoka, 806 JAPAN

WA01/194585.1

PATENT REEL: 9332 FRAME: 0872

## ATTORNEY DOCKET NO.: ASSIGNMENT (U.S. Rights Only)

Full Name of Third Assignor	Assignor's Signature Shize o Matsushita	Date
		March 3, 1998
Address Fukuoka, Japan		Citizenship Japan
Full Name of Fourth Assignor  Kazuhiro Haniya	Assignor's Signature Kazahiro Harrytt	Date March 3, 1998
Address Fukuoka, Japan		<b>Citizenship</b> Japan
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached [ ]	Yes [X] No	

MORGAN, LEWIS & BOCKIUS  $_{\mathrm{PATENT}}$ 

WA01/194585.1 REEL: 9332 FRAME: 0873 RECORDED: 03/17/1998