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To the	Honorable Commissioner of Patents and	Trademarks: Please record the attached orig	inal documents or copy thereof.
1.	Name of conveying party(ies): Atsushi WATANABE Kazuhisa OTSUKA Masaru ODA Tadanori SUZUKI		
2.	Name and Address of receiving	party(ies):	
	FANUC LTD. 3580, Shibokusa, Aza-Komanba Oshino-mura, Minamitsuru-gun Yamanashi 401-0597 JAPAN		722 PTO
3.	Nature of conveyance:  X Assignment Security Agreement Other: Execution Date(s): May 7 and 3	Merger Change of Name 8, 2003	17354 U.S.
4.	(a) The execution date(s) of (b) The title is: OBJECT HA OR This document is being filed a (a) Patent Application No(s)		<u>2003</u>
5.	Name and address of party to wh STAAS & HALSEY LLP Attention: <u>James D. Halsey</u> 1201 New York Ave., N.W., Suite Washington, D.C. 20005	nom correspondence concerning doc Our Docket: <u>392.18</u> e 700	
<b>6</b> .	Total number of applications and	patents involved:1	
7.	Total fee (37 CFR 3.41)X_ Enclosed Authorized to be charged	· · · · · ·	
8.	Deposit Account No.: 19-3935 (Attach duplicate copy of this page	(Any underpayment is authorized to to ge if paying by deposit account)	pe charged to this Deposit Account)
9.	Statement and signature. To the best of my knowledge and copy is a true copy of the original	d belief, the foregoing information is to I document	rue and correct and any attached
	D. Halsey, Reg. No. 22,729 of Person Signing	Signature Da	July <mark>2 §</mark> ,2003 ate
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## **U.S. ASSIGNMENT**

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Minamitauru-gun, Yamanashi, 401-0597 Japan  Mereinafter, "ASSIGNEE"), the receipt of which is hereby scknowledged, the undersigned ASSIGNOR hereby sells, asside transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled ride of Invention)  OBJECT HANDLING APPARATUS  OBJECT HANDLING APPARATUS  OBJECT HANDLING APPARATUS  OBJECT HANDLING APPARATUS  Insert date of execution of application for Letters Patent of the Unitates was executed on even date herewith or, if not so executed, was:  (a) executed on		FANUC	LTD.	
Minamitsuru-gun, Yamanashi, 401-0597 Japan  bereinafter, "ASSIGNEE", the receipt of which is hereby scknowledged, the undersigned ASSIGNOR hereby sells, asside transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled transfers to ASSIGNEE than DLING APPARATUS  OBJECT HANDLING APPARATUS  OBJECT HANDLING APPARATUS  Illusting to International Patent Application PCT/IP	3580, Shibokusa	, Aza-	komanba, Osh	ino-mura,
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Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1600) is hereby authorized to insert in (b) the specified data, when known.  Indicated application and all Letters Patent(s) of the United States granted on said application and any continuation, divisionewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Let atent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Let atent(s)").  The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGN do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforce rotection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Let atent(s), in any interference, relaxue, reexamination, or public use proceeding, and in any litigation or other legal proceed within may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, includence at the said application or other legal proceed within may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, includence are signments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and production.  IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).  (Typed Name & Signature of Inventor(s))  (Date)  (Typed Name & Signature of Mitness)  Atsushi WATANABE  Harumi OMORI  Harumi OMORI  Masaru ODA  Harumi OMORI  Masaru ODA  Harumi OMORI  May 7, 2003  Harumi OMORI  May 7, 2003  Harumi OMORI  May 7, 2003  Harumi OMORI				in application for Letters Patent of the United
Street, N.W., Washington, D.C. 20001 (202/434-1600) is hereby euthorized to insert in (b) the specified data, when known.  In to said application and all Letters Patent(s) of the United States granted on said application and any continuation, divisionewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Let atent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Let atent(s)").  The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGN to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enfort rotection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Let atent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceed which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, incluse apprate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and production.  IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).  (Typed Name & Signature of Inventor(s))  (Date)  (Typed Name & Signature of Witness)  Atsushi WATANABE  Harumi OMORI  May T. 2003  Harumi OMORI	(a) executed on		(insert date of execution	on of application, if not concurrent)
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