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In the Honorable Commissioner of Patients and LuL/2038318       d original documents or copy there         1       Name of conveying party(ies):       3 - 21 - 52.         1)       Massaki UEMATSU 2)       Kuniyasu MATSUMOTO 3)       Hiroshi NAKAGAWA         2.       Name and Address of receiving party(ies):       5         FANUC LTD.       3580, Shibokusa, Aza-Komanba       0shino-mura, Minamitsuru-gun         Yamanshi, 401-0597       Japan         3.       Nature of conveyance:		FORM PTO-1595				U.S. DEPARTMENT OF CO	MMERG
1. Name of conveying party(ies):       3 - 21 - 22         1. Massaki UEMATSU       2)       Kuniyasu MATSUMOTO       3) Hiroshi NAKAGAWA         2. Name and Address of receiving party(ies):       FANUC L TD.       3580, Shibokusa, Aza-Komanba         Oshino-mura, Minamitsuru-gun       Yamanashi, 401-0597       Japan         3. Nature of conveyance:	©20	001 Staas & Halsey LLP	102				
<ol> <li>Massaki UEMATSU 2) Kuniyasu MATSUMOTO 3) Hiroshi NAKAGAWA</li> <li>Name and Address of receiving party(ies): FANUC LTD. 3580, Shibokusa, Aza-Komanba Oshino-mura, Minamitsuru-gun Yamanashi, 401-0597 Japan</li> <li>Nature of conveyance:         <ul> <li>Assignment</li> <li>Merger</li> <li>Security Agreement</li> <li>Other:</li> <li>Execution Date(s): March 4, 2002</li> </ul> </li> <li>Application number(s) or patent number(s): 10 / 101 8447         <ul> <li>This document is being filed together with a new application:</li> <li>The steelies of path to being filed together with a new application:</li> <li>The steelies of path to whom correspondence concerning document should be mailed:</li> <li>STAAS &amp; HALSEY LP</li> <li>Our Docket: 392,1742</li> <li>Attention: James D. Halsey, Jr.</li> <li>Our Docket: 392,1742</li> <li>Attention: James D. Halsey, Jr.</li> <li>Total fee (37 CFR 3.41)</li></ul></li></ol>					d origina	I documents or copy th	ereo
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3580, Shibokusa, Aza-Komanba Oshino-mura, Minamitsuru-gun Yamanashi, 401-0597 Japan 3. Nature of conveyance: X AssignmentChange of Name Other:Change of Name 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 dopatition Name of Person Signing Signature	2.	Name and Address of re	ceiving party(ies):				U E
X       Assignment       Marger         Security Agreement       Change of Name         Chere:       Execution Date(s): March 4, 2002         4.       Application number(s) or patent number(s):       10 / 10 / \$447         This document is being filed logether with a new application:       (a)         (a)       The execution date(s) of the application is/are:         (b)       The title is:       OR         (c)       The itile is:       OR         (c)       Patent Application No(s)., filed March 20, 2002; or       (b)         (c)       Patent No(s)., issued.       Our Docket: 392.1742         Attention: James D. Halsey, Jr.       Too Eleventh Street, N.W., Suite 500         Washington, D.C. 20001       6.       Total number of applications and patents involved:1         7.       Total fee (37 CFR 3.41)		3580, Shibokusa, Aza Oshino-mura, Minamit Yamanashi, 401-0597					
☐ This document is being filed together with a new application:         (a) The execution date(s) of the application is/are:         (b) The title is:         OR         A This document is being filed after filing of the application:         (a) Patent Application No(s)., filed March 20, 2002; or         (b) Patent No(s)., issued.         5. Name and address of party to whom correspondence concerning document should be mailed:         STAAS & HALSEY LIP       Our Docket: <u>392,1742</u> Attention: <u>James D. Halsey, Jr.</u> 700 Eleventh Street, N.W., Suite 500         Washington, D.C. 20001         6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41)	3.	X Assignment Security Agreem Other:					
<ul> <li>(a) Patent Application No(s)., filed March 20, 2002; or</li> <li>(b) Patent No(s)., issued.</li> <li>5. Name and address of party to whom correspondence concerning document should be mailed: STAAS &amp; HALSEY LLP Our Docket: <u>392,1742</u> Attention: <u>James D. Halsey, Jr.</u> 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001</li> <li>6. Total number of applications and patents involved: <u>1</u></li> <li>7. Total fee (37 CFR 3.41)</li></ul>	4.	This document is bein (a) The execution da (b) The title is: OR	ng filed together wit ate(s) of the applica	h a new application: tion is/are:	47		
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<ul> <li>Enclosed Authorized to be charged to deposit account.</li> <li>Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)</li> <li>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 dopament.</li> <li>James D. Halsey, Jr., Reg. No. 22,729 Name of Person Signing</li> <li>March 20, 2002</li> <li>Signature Date</li> <li>Total number of pages including cover sheet: 2 DO NOT USE NUSSPACE</li> </ul>	6.	700 Eleventh Street, N.W Washington, D.C. 20001	/., Suite 500	olved: <u>1</u>			
Account) (Attach duplicate copy of this page if paying by deposit account) 9. Statement and signature. <i>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.</i> James D. Halsey, Jr., Reg. No. 22,729 Name of Person Signing Date Total number of pages including cover sheet: 2 DO NOT USE NUS SPACE PATENT	7.	Enclosed		,			
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.          James D. Halsey, Jr., Reg. No. 22,729       March 20, 2002         Name of Person Signing       Signature         Total number of pages including cover sheet: 2         DO NOT USE NUSSPACE	8.	Account)			be char	ged to this Deposit	
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## 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 Nama(s) & Address(es) of ASSIGNEE(S))	· ፣ ምክ	-			
	LTD.	·			
3580, Shibokusa, Aza					
Minamitsuru-gun, Yam	anashi, 401	-0597 Japan			
(hereinafter, "ASSIGNEE"), the receipt of which is here and transfers to ASSIGNEE the entire and exclusive rig ( <i>Title of Invention</i> )	ht, title and interest to	undersigned ASSIGNOR hereby sells, assigns the invention entitled			
WRIST STRUCTURE FOR A ROBO	1				
relating to International Patent Application PCT/JP/ States was executed on even date herewith or, if not a	and/or for w so executed, was:	hich application for Letters Patent of the United			
(a) executed on;	(Insert date of execution of application, if not concurrent)				
(b) filed on	Any registered atto	erney of STAAS & HALSEY, 700 Eleventh			
Serial No/;	Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.				
renewal, substitute, reissue or reexamination application Patent(s) may be granted and including any extension Patent(s)"). The ASSIGNOR agree(s), when requested by said A to do all acts which the ASSIGNEE may deem necess protection for said invention, including in the preparation Patent(s), in any interference, reissue, reexamination, which may arise or be declared in relation to same, su separate assignments and declarations, taking all right evidence.	INS thereof (collective) SSIGNEE and without sary, desirable or expension n and prosecution of sa or public use proceedin ch acts to include but htful oaths, providing s	y, hereinafter, "said application(s) and Letters charge to but at the expense of said ASSIGNEE, adient, for securing, maintaining and enforcing id application(s) and the issuance of said Letters g, and in any litigation or other legal proceeding not be limited to executing all papers, including sworn testimony, and obtaining and producing			
IN WITNESS WHEREOF, the undersigned inventor					
(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))			
11 Masaaki Viematsin	4/3/2002	- 2 darumi Omori Harumi OMORI			
Masaaki UEMATSU		$\sim 1$ $\sim m_{\rm em}$			
2) Kuniyasu matsumoto	4/3/2002	Jarume Omon			
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3) <u>Hiroshi Kakagawa</u> Hiroshi NAKAGAWA		Harumi OMORI			
4)					
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PATENT REEL: 012724 FRAME: 0008

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**RECORDED: 03/21/2002**