FORM PTO-1595 (Rev. 6-93) S&H 1/99		08-24-2000	T U.S. DEPARTMENT OF COMMERCI Palen: and Trademark Office
To ti	he Honorable Commissioner of Patents and	101440980	documents or copy thereof.
1.	Name of conveying party(ies):		
	Susumu ITO Yonbon BAN		
2.	Name and address of receiving party(ies):		
	FANUC LTD. 3580, Shibokusa, Aza-komanba, O Minamitsuru-gun, Yamanashi, 401-		0962 U.S.
3.	Nature of conveyance:		
	X Assignment Security Agreemer Other:		ame
	Execution Date(s): July 19, 2000 (t	ooth parties)	
4.	Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: July 19, 2000_ (b) The title is: INJECTION MOLDING MACHINE WITH NOZZLE TOUCH MECHANISM *** OR *** This document is being filed after filing of the application:		
	(a) Patent Application No(s), is	/, filed ssued	_; or
5.	Name and address of party to whom correspondence concerning document should be mailed:		
	STAAS & HALSEY LLP Attention: James D. Halse 700 Eleventh Street, N.W., Washington, D.C. 20001	y, Jr.	392.1695 (JDH)
6.	Total number of applications and patents involved:		
7.	Total fee (37 CFR 3.41) \$ 40.00		
	X Enclosed Authorized to be ch	narged to deposit account.	
3.	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)		
).	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.		
	James D. Halsey, Jr., Reg. No.		July 28, 2000
	Name of Person Signing 0 DNGUYEN 00000313 09628689	(Date

01 FC:581

PATENT REEL: 011012 FRAME: 0799

Total number of pages including cover sheet: 2

U.S. ASSIGNMENT

5&H 7/94

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 Name(s) & Address(es) of ASSIGNEE(S)) FANUC LTD. 3580, Shibokusa, Aza-komanba, Oshino-mura, Minamitsuru-gun, Yamanashi, 401-0597 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) INJECTION MOLDING MACHINE WITH NOZZLE TOUCH MECHANISM relating to International Patent Application PCT/JP_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: executed on ______; (Insert date of execution of application, if not concurrent) filed on _____ Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Witness(es)) (Typed Name & Signature of Inventor(s)) (Date) July 19, 2000) danimi (Imeri Harumi OMORI July 19, 2000) danimi (Cmor

> PATENT REEL: 011012 FRAME: 0800

RECORDED: 07/28/2000