05-29-2002

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FORM PTO-1595



To the Honorable Commissioner of Patents and Trademarks. Press. 4675

inal documents or copy thereof.

1. Name of conveying party(ies):

Koji KUBOTA Yoshito YAMAMOTO Kazukiyo KOHNO Takeshi ISHIWADA



5-22-02

2. Name and address of receiving party(ies):

Name:

MITSUBISHI HEAVY INDUSTRIES, LTD.

Address:

5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

Additional name(s) of conveying party(ies) attached? □Yes ■No

- 3. Nature of Conveyance:
 - Assignment
- □ Merger
- □ Security Agreement
- □ Change of Name

□ Other

Execution Date: March 18, 18, 19, and 18, 2002

Additional name(s) and address(es) attached? □Yes ■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:

A. Patent Application No.(s)

10/115,026

B. Patent No.(s)

Additional numbers attached? □Yes ■No

5. Name and address of party to whom correspondence concerning document should be mailed:



22850

6. Total applications and patents involved:

7. Total fee (37 CFR 3.41):

\$40.00

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PATENT REEL: 012922 FRAME: 0556

Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE)				
ERT NAMES D RESIDENCE DRESSES OF E INVENTORS:	Koji KUBOTA, Yoshito YAMAMOTO, Kazukiyo KOHNO and Takeshi ISHIWADA				
	Their residence addresses of Koji KUBOTA, Yoshito YAMAMOTO and Takeshi				
	ISHIWADA are Nagoya, Aichi-ken, Japan. The residence address of Kazukiyo KONO is				
	Hiroshima, Hiroshima-ken, Japan				
	, respectively,				
ERT TITLE INVENTION:	have invented certain new and useful improvements in: BALL SCREW DEVICE AND				
	INJECTION MOLDING MACHINE INCORPORATING THE SAME				
ERT DATE IN- NTORS SIGNED CLARATION:	March 18 and 19, 2002				
	(Application No, filed, filed), and				
ERT NAME D ADDRESS OF	MITSUBISHI HEAVY INDUSTRIES, LTD. WHEREAS,				
MPANY OR HER ASSIGNEE:	(hereinafter referred to as "ASSIGNEE") having a place of business at:				
	5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan				
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;				
	NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continua-				

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tions, substitutions and renewals thereof.

PATENT REEL: 012922 FRAME: 0557

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	March	18,	2002	KOJI KUBOTA
				(Signature of Inventor) Koji KUBOTA
Date:	March	18,	2002	(Signature of Inventor) Yoshito YAMAMOTO
			-	(Signature of Inventor) Yoshito YAMAMOTO
Date:_	March	19,	2002	Kazukiya Kohno (Signature of Inventor) Kazukiyo KOHNO
				(Signature of Inventor) Kazukiyo KOHNO
Date:	March	18,	2002	Takeshi Ishiwada.
				(Signature of Inventor) Takeshi ISHIWADA
Date:				
				(Signature of Inventor)
Date:	<u></u>			(Signature of Inventor)
Date:				(Signature of Inventor)
Date:				(Signature of Inventor)
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OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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