Atty Docket No.:

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Katsumi NAKAYAMA Isamu NAKAYAMA Ishikawajima-Harima Heavy Industries Co., Ltd. Name: Address: 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 Japan Additional name(s) of conveying party(ies) attached? 

Yes No 07-09-2004 3. Nature of Conveyance: ☐ Merger Assignment ☐ Change of Name ☐ Security Agreement 102786816 ☐ Other Additional name(s) and address(es) attached? 

Yes 
No Execution Date: March 11, 2004 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) 10/490,733 Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 **Customer Number** Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. C. Irvin McClelland Name of Person Signing Surinder Sachar Registration Number: 21,124 Registration No. 34,423 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

REEL: 015535 FRAME: 0792

**PATENT** 

## **Assignment of Application**

SERT NAMES	WHEREAS, I (WE) Isamu NAKAYAMA, a subject of Japan, of 1500-2-135, Okatsucho, Izumi-ku, Yokohama-shi,
D RESIDENCE DRESS OF	Kanagawa 245-0003 Japan and Katsumi NAKAYAMA, a subject of Japan, of 4-12-2-304, Sasage,
E INVENTORS:	Konan-ku, Yokohama-shi, Kanagawa 234-0052 Japan
	, respectively,
SERT TITLE OF VENTION:	have invented certain new and useful improvements in: TWIN ROLL CASTING MACHINE
SERT DATE VENTORS SIGNED CLARATION:	For which an application for Letters Patent was executed on March 11, 2004
	(Application No10/490,733, filedApril 8, 2004), and
SERT NAME ID ADDRESS OF MPANY OR HER ASSIGNEE	WHEREAS, Ishikawajima-Harima Heavy Industries Co., Ltd.
	(hereinafter referred to as "ASSIGNEE") having places of business at: 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 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, continuations, substitutions and renewals thereof.

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.

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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 1940 Duke Street, Alexandria, Virginia 22314 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 11, 2004	fram Chahryana
		(Signature of Inventor) Isamu Nakayama
Date: _	March 11, 2004	Katsumi Makayama
		(Signature of Inventor) Katsumi Nakayama
Date: _		
		(Signature of Inventor)
Date: _		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Data		
Date:	<del></del>	(Signature of Inventor)

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RECORDED: 07/02/2004

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