## Rec'd PCT/PTO 27 SEP 2004

10-28-2004

U.S. DEPARTMENT OF COMMERCE **MODIFIED Form PTO-1595 EET** U.S. Patent and Trademark Office (Rev. 10/02) To the Director of the U.S. Patent and Trademark Office: Please se record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): IHI AEROSPACE CO., LTD. Kazunori KAWASAKI Hiroaki ASAHI 2-1, Otemachi 2-chome Shoji MURAMATSU Chiyoda-ku Tetsuya TAKADA Tokyo 100-0004 **JAPAN** Additional name(s) of conveying party(ies) attached? \( \subseteq \) Yes \( \subseteq \) No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: March 12, 2004 ☑ No Additional name(s) & address(es) attached? ☐ Yes 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) B. Patent No.(s) 10/491,227 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): SUGHRUE MION, PLLC \$40.00 ☑ Enclosed. WASHINGTON OFFICE ☐ Authorized to be charged to Deposit Account No. 19-4880. 23373 The USPTO is directed and authorized to charge all required CUSTOMER NUMBER fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (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, September 27, 2004 Robert V. Sloan Date Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

> PATENT REEL: 015919 FRAME: 0428

## ASSIGNMENT

Whereas, I/we,

Kazunori KAWASAKI of Tokyo, JAPAN Hiroaki ASAHI of Gunma, JAPAN Shoji MURAMATSU of Tokyo, JAPAN Tetsuya TAKADA of Gunma, JAPAN

hereinafter called assignor(s), have invented certain improvements in

## **ELECTROSTATIC LEVITATION FURNACE**

and executed an application for Letters Patent of the United States of America therefor on

March 12, 2004; and

Whereas,

IHI AEROSPACE CO., LTD.

of

2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

l/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 10/491,227 and Confirmation number 6591 , filed MAR 2 9 2004 ) the filing date and application number of said application when known.

Date:	March 12, 2004	st Commitavasel
		Kazunori KAWASAKI
Date:	March 12, 2004	st Hisof Craff
		Hir $\phi$ aki ASAHI $igcup V$
Date:	March 12, 2004	s/ Shoji Maramatsu Shoji MURAMATSU
		Shoji MURAMATSU
Date:	March 12, 2004	s/Tetsnya Takada
		Tetsuya TAKADA
Date:		s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U. DASPENT

RECORDED: 09/27/2004 REEL: 015919 FRAME: 0429