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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office (Rev. 10/02) Docket No.: 51023-021 To the Honorable Commissioner for Patents and 1 rademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of Conveying Party(ies): SUMITOMO ELECTRIC INDUSTRIES, LTD. Koji NITTA, Shinji INAZAWA and Akihisa HOSOE Name: Address: 5-33, Kitahama 4-chome Chuo-ku Additional name(s) of conveying party(ies) attached? Yes No Osaka-shi, Osaka, Japan 541-0041 3. Nature of Conveyance: **⊠** Assignment ☐ Merger Security Agreement Change of Name Other Execution Date: December 4, 2003 Additional name(s) & address(es) attached?
Yes No 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of theapplication is: December 4, 2003 A. Patent Application No(s). B. Patent No(s). 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: Name: MCDERMOTT WILL & EMERY LLP 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Internal Address: Authorized to be charged to deposit account Street Address: 600 13th Street, N.W. 8. Deposit account number: 500417 Zip: 20005-3096 City: Washington State: D. C. 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. Stephen A. Becker, Registration No. 26,527 August 5, 2004 Name and Registration No. of Person Signing Date Total number of pages including cover sheet: OMB No. 0651-0027 (exp. 6/30/2005)

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PATENT

REEL: 016343 FRAME: 0980

Docket No .:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1)	Koji NITTA	(4)	
(2)	Shinji INAZAWA	(5)	
	Akihisa HOSOE	(6)	

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SUMITOMO ELECTRIC INDUSTRIES, LTD. of 5-33, Kitahama 4-chome Chuo-ku, Osaka-shi, Osaka 541-0041, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MOLD FOR FINE ELECTROFORMING AND MANUFACTURING METHOD THEREOF

- (a) for which an application for United States Letters Patent was filed on and identified by United States Serial No. ; or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

PATENT REEL: 016343 FRAME: 0981

	INVENTORS	DATE SIGNED
1)	Kojn Nitta	December 4. 2003
٠	Name: Koji NITTA	
2)	Shinji dhazawa	December 4 2003
	Name: Shinji INAZAWA	
3)	akihisa Hospe	<u>December</u> 4,2003
	Name: Akihisa HOSOE	
4)		
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5)		
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6)		
	Name:	

RECORDED: 08/05/2004

PATENT REEL: 016343 FRAME: 0982