19 5 1 S		04-2010 I.S. DEPARTMENT OF COMMERCE 1 States Patent and Trademark Office
FLE OT 2010	REC	
A TRADEMAR	To the Director of the U.S. Patent and Trad. 103	3588244 or the new address(es) below.
THAC	1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
	Noboru KURATA (01/27/2010)	
2 1-10		Name: Fuji Electric Device Technology Co., Ltd.
LA.		Internal Address:
	Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
	3. Nature of conveyance/Execution Date(s):	– 11-2 Osaki 1-chome, Shinagawa-ku
	Execution Date(s): in parentheses after inventor name	
	X Assignment Merger Change of Name	
	Security Agreement Joint Research Agreement	City: Tokyo
	Government Interest Assignment	State:
	Executive Order 9424, Confirmatory License	Country: Japan Zip:141-0032
	Other	Additional name(s) & address(es) Yes X No
		attached?
	4. Application or patent number(s):	This document is being filed together with a new application.
	A. Patent Application No.(s)	B. Patent No.(s)
	12/620,207	
		3
	Additional numbers attached?	· · · · · · · · · · · · · · · · · · ·
	Additional numbers attached?	6. Total number of applications and
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed:	6 Total number of applications and
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin RABIN & BERDO, PC	6. Total number of applications and 1
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin	6. Total number of applications and 1 patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin RABIN & BERDO, PC Internal Address: Atty. Dkt.: FEC 270	6. Total number of applications and 1 patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin RABIN & BERDO, PC Internal Address: Atty. Dkt.: FEC 270 Street Address: 1101 14th St., NW	6. Total number of applications and 1 patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin RABIN & BERDO, PC Internal Address: Atty. Dkt.: FEC 270 Street Address: 1101 14th St., NW	6. Total number of applications and 1 patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account Enclosed
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin RABIN & BERDO, PC Internal Address: Atty. Dkt.: FEC 270 Street Address: 1101 14th St., NW	6. Total number of applications and 1 patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account Enclosed
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin RABIN & BERDO, PC Internal Address: Atty. Dkt.: FEC 270 Street Address: 1101 14th St., NW Suite 500	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       \$ 40.00         Authorized to be charged to deposit account       Enclosed         None required (government interest not affecting title
•	Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Steven M. Rabin RABIN & BERDO, PC Internal Address: Atty. Dkt.: FEC 270 Street Address: 1101 14th St., NW Suite 500 City: Washington	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       40.00         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting title
	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       40.00         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting title
	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976	6. Total number of applications and patents involved: 1   7. Total fee (37 CFR 1.21(h) & 3.41) 40.00   Authorized to be charged to deposit account   Enclosed   None required (government interest not affecting title   8. Payment Information
	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924         Email Address:       firm@rabinberdo.com	6. Total number of applications and patents involved: 1   7. Total fee (37 CFR 1.21(h) & 3.41) 40.00   Authorized to be charged to deposit account   Enclosed   None required (government interest not affecting title   8. Payment Information   Deposit Account Number   Authorized User Name
	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924         Email Address:       firm@rabinberdo.com	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       \$ 40.00         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting title         8. Payment Information         Deposit Account Number         Authorized User Name
<ul> <li>(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)</li></ul>	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924         Email Address:       firm@rabinberdo.com	6. Total number of applications and patents involved: 1   7. Total fee (37 CFR 1.21(h) & 3.41) 40.00   Authorized to be charged to deposit account   Enclosed   None required (government interest not affecting title   8. Payment Information
· · · · · · · · · · · · · · · · · · · ·	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924       Email Address:         Firm@rabinberdo.com       9. Signature:       Juite Ju	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting title         8. Payment Information         Deposit Account Number         Authorized User Name         9, 102         February 1, 2010         Date
<ul> <li>エルビンド おのの始め点 ボーカ 人体 こ なんがない ないやかん たい なんがない ないやかん たいにはない ないやかん たい たい たい たい たい たい たい たい たい たい たい たい たい</li></ul>	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924         Email Address:       firm@rabinberdo.com         9. Signature:       Mathematical Mathematical Address         A       Signature	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       40.00         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting title         8. Payment Information         Deposit Account Number         Authorized User Name         9,102         February 1, 2010
Marchart stronger at the second strong st	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924       Email Address:         Firm@rabinberdo.com       9. Signature:       Jun L. Palmer – Reg. 47,838	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       \$ 40.00         Authorized to be charged to deposit account       1         Enclosed       None required (government interest not affecting title         8. Payment Information       Deposit Account Number         Authorized User Name
ent tur soles trong are Marked areas a trade (一下) またの10000 また の1下 またの100000 また	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924       Email Address:         Firm@rabinberdo.com       9. Signature:       Jun L. Palmer – Reg. 47,838	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting title         8. Payment Information         Deposit Account Number         Authorized User Name         9,102       February 1, 2010         Date         Total number of pages including cover         2
Par ENGLOSED: \$ HD.10 Plans charge on y littler for to our Deposit share in the 12-002	Additional numbers attached?         5. Name and address to whom correspondence concerning document should be mailed:         Name:       Steven M. Rabin RABIN & BERDO, PC         Internal Address: Atty. Dkt.: FEC 270         Street Address: 1101 14th St., NW Suite 500         City:       Washington         State:       DC       Zip:       20005         Phone Number:       (202) 371-8976         Fax Number:       (202) 408-0924       Email Address:         Firm@rabinberdo.com       9. Signature:       Jun L. Palmer – Reg. 47,838	6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       \$ 40.00         Authorized to be charged to deposit account       1         Enclosed       None required (government interest not affecting title         8. Payment Information       Deposit Account Number         Authorized User Name

s.

1

4**0.00** OP

PATENT REEL: 023896 FRAME: 0301

Attorney Reference: FEC-270\_\_\_

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Noboru KURATA hereinafter referred to collectively as the assignor, has invanted a certain

Improvement relating to Method of Manufacturing a Magnetic Recording Medium,

] the inventor(s) declaration for said application being executed concurrently with the execution of this Instrument; said application to be filed in the United States Patent and Trademark Office;

[X] said application having been filed in the United States Patent and Trademark Office on

November 17, 2009, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr. and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. 12/620,207) the application serial number of said application when known:

[] the specification of which was filed under the Patent Cooperation Treaty on Serial No. \_\_\_\_\_ the United States of America being designated.

AND WHEREAS FUILELECTRIC DEVICE TECHNOLOGY CO., LTD. of Tokyo, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, little and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, relasues and prolongations thereof:

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by seld assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignes, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereast, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignes, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, relasses and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, relissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same. If this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignees successors or assigns, any and all acts relating to the obtaining or to the assarting of said patents, including any and all renewais, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

WITNESS:

Signatura: Name: -Address:

ASSIGNOR:
Signaturo: Noborn Hutato
Name: Noboru KURATA
Dates Tannary 27, 20/0

RABIN & BERDO, P.C., Washington, D.C.

**RECORDED: 02/01/2010**