## 502700547 02/28/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2747152

	1					
SUBMISSION TYPE:	NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DATA						
	Name	Execution Date				
NARUHISA NAGATA	02/07/2014					
RECEIVING PARTY DATA						
Name: FUJI ELECTRIC	CO., LTD.					
Street Address: 1-1 TANABESHIN	NDEN, KAWASAKI-KU	EN, KAWASAKI-KU				
City: KAWASAKI-SHI						
State/Country: JAPAN	JAPAN					
Postal Code: 210-9530						
Property Type  Application Number: 14	Nur 4169484	nber				
Application Number: 14	4169484					
CODDECDONDENCE DATA						
CORRESPONDENCE DATA						
	08-0924					
Fax Number: (202)40 Phone: 202-37	1-8976					
Fax Number:       (202)40         Phone:       202-37         Email:       firm@ra	1-8976 abinberdo.com					
Fax Number: (202)40 Phone: 202-37 Email: firm@ra Correspondence will be sent via US Mail w	1-8976 abinberdo.com <i>when the email attempt is unsuccessful.</i>					
Fax Number: (202)40 Phone: 202-37 Email: firm@ra Correspondence will be sent via US Mail w Correspondent Name: RABIN	1-8976 abinberdo.com					
Fax Number: (202)40 Phone: 202-37 Email: firm@ra Correspondence will be sent via US Mail w Correspondent Name: RABIN Address Line 1: 1101 14 Address Line 2: SUITE	1-8976 abinberdo.com <i>when the email attempt is unsuccessful.</i> & BERDO, P.C. 4TH ST. N.W. 500					
Fax Number: (202)40 Phone: 202-37 Email: firm@ra Correspondence will be sent via US Mail w Correspondent Name: RABIN Address Line 1: 1101 14 Address Line 2: SUITE	1-8976 abinberdo.com <i>when the email attempt is unsuccessful.</i> & BERDO, P.C. 4TH ST. N.W.	005				
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Fax Number: (202)40 Phone: 202-37 Email: firm@ra Correspondence will be sent via US Mail w Correspondent Name: RABIN Address Line 1: 1101 14 Address Line 2: SUITE: Address Line 4: WASHI	1-8976 abinberdo.com when the email attempt is unsuccessful. & BERDO, P.C. 4TH ST. N.W. 500 INGTON, DISTRICT OF COLUMBIA 20	005				
Fax Number: (202)40 Phone: 202-37 Email: firm@ra Correspondence will be sent via US Mail w Correspondent Name: RABIN Address Line 1: 1101 14 Address Line 2: SUITE: Address Line 4: WASHI  ATTORNEY DOCKET NUMBER:	1-8976 abinberdo.com when the email attempt is unsuccessful. & BERDO, P.C. 4TH ST. N.W. 500 INGTON, DISTRICT OF COLUMBIA 20 FEC-537 ALUN L. PALMER	005				
Fax Number: (202)40 Phone: 202-37 Email: firm@ra Correspondence will be sent via US Mail w Correspondent Name: RABIN Address Line 1: 1101 14 Address Line 2: SUITE: Address Line 4: WASHI ATTORNEY DOCKET NUMBER:  NAME OF SUBMITTER: Signature:	1-8976 abinberdo.com when the email attempt is unsuccessful. & BERDO, P.C. 4TH ST. N.W. 500 INGTON, DISTRICT OF COLUMBIA 20  FEC-537  ALUN L. PALMER  /Alun L. Palmer/					

PATENT REEL: 032319 FRAME: 0589

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Attorney Reference: FEC-537 8/12

## ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Naruhisa NAGATA, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

METHOD OF READING AND WRITING MAGNETIC R	ECORDING MEDIUN	1		
] said application being attached hereto; [x] said application having been filed in the United States  January 31, 2014 , as Application Serial No. 14/169 [if applicable); [] the specification of which was filed under the Patent 6 Serial No, the United States of Am	. <u>484</u> , and Cooperation Treaty or	was	on amended	on
AND WHEREAS FUJI ELECTRIC CO., LTD. of nereinafter referred to as the assignee or applicant, is deand to said application, including any and all divisions arany and all patents which may be granted therefor, including the patents which may be granted the patents which which may be granted the patents which may be granted the patents which may be granted the patents which may be granted the pat	esirous of acquiring the continuations there	e entire r of, and in	and to said inve	ntion and
NOW THIS WITNESSETH, that for and in covaluable consideration paid by said assignee to said as assignor hereby assigns, sells and transfers to said assigner hereby assigns, sells and transfers to said assign and exclusive right, title and interest in and to continuations thereof, and in and to said invention are notuding any and all renewals, reissues and prolosuccessors and assigns, to have, hold, exercise and enjoyment and any and all renewals, reissues and prolongations thereof, and the said invention and any and all renewals, reissues and granted, including any and all renewals, reissues and assignee, and said assignee's successors and assigns, might or could have held and enjoyed the same, if this a	signor, the receipt of signee, and said assigned application, indication, indication, and any and all paten of the said application of the said the rights, pouring the term or term or term or term or as ample and beneficians.	which is gnee's sucluding a ts which id assign, including wers, pring of any of, for the ficial a m	hereby acknowle accessors and as any and all divine, and said and all divined therefor, incivileges and advined all such pate use and benemanner as the said	dged, said ssigns, the isions and therefor, assignee's risions and cluding any antages in tents when said of said of said
AND said assignor hereby agrees to perform, successors or assigns, any and all acts relating to the cand all renewals, reissues and prolongations thereof.				
AND said assignor authorizes and requests t Letters Patent on said application, and on any and all c said assignee's successors and assigns, in accordance	livisions and continua			
As an above-named inventor, I hereby declar authorized to be made by me, and that I am the original on the application.	are that the above-io inventor or an original	dentified joint inve	application was entor of a claimed	made or d invention
I hereby acknowledge that any willful false sta U.S.C. 1001 by fine or imprisonment of not more than fiv	tement made in this e (5) years, or both.	declarati	on is punishable	under 18
Address all correspondence and telephone cal 500, Washington, D.C. 20005, Telephone: (202) 371-89	ls to Rabin & Berdo, 76; Fax: (202) 408-09	P.C., 11 24, Custo	01 14 <sup>th</sup> Street, Nomer No. 23995.	i.W., Suite
WITNESS:	ASSIGNOR (SOLE	OR FIRS	T INVENTOR):	
Signature:	Signature: <u>Namh</u>			*****
Name:	Legal Name: Nar	uhisa N	AGATA	
Address:	Date: February	7 1	2014	nonneger

**PATENT REEL: 032319 FRAME: 0590** 

RECORDED: 02/28/2014

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