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	1016	18 611 810 FINA FINA FINA FINA	Attorney Docket No.: 81800.0142
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1.	Name of conveying party(ies):	2. Name and address o	f receiving party(ies):
	Yoshifumi TANIMOTO	MURATA KIKAI KAB	
-	3-26-01	3-banchi, Kisshoin M Minami-ku, Kyoto-shi	
Add	ditional name(s) of conveying party(ies) attached? Yes No		
3.	Nature of conveyance:		
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		Additional name(s) &	address(es) attached? ☐ Yes ☒ No
4.	Application number(s) or patent number(s):		
	If this document is being filed together with a new application, the execu	ution date of the application	is:
	A. Patent Application No.(s) 09/733,171	B. Patent No.(s)	
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5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of appli	ications and patents involved: [1]
	Louis A. Mok, Esq. HOGAN & HARTSON L.L.P.	7. Total fee (37 CFR 3.4	41) \$40.00
	500 South Grand Avenue, Suite 1900 Los Angeles, CA 90071		charged to deposit account
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> **PATENT REEL: 011632 FRAME: 0638**

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Patent and Trademark Office

	10/0/00	101563909 Attorney Docket No.: 81800.	0142			
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1.	Name of conveying party(ies):	Name and address of receiving party(ies):				
,	Yoshifumi TANIMOTO	MURATA KIKAI KABUSHIKI KAISHA 3-banchi, Kisshoin Minami Oshiai-cho Minami-ku, Kyoto-shi, Kyoto, Japan				
Addit	ional name(s) of conveying party(ies) attached?	es 🛛 No				
3. 1	Nature of conveyance:	733.8	\$			
ı		7113	13/			
į	Execution Date: December 1, 2000	Diameter Control of the Control of t				
		Additional name(s) & address(es) attached? ☐ Yes ☒ No				
4. /	Application number(s) or patent number(s):	9/73317/				
I	f this document is being filed together with a new appli	ation, the execution date of the application is: December 1, 2000				
	A. Patent Application No.(s)	B. Patent No.(s)				
	Addition	al numbers attached? Yes No				
	Name and address of party to whom correspondence concerning document should be mailed: Louis A. Mok, Esq. HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, CA 90071	oncerning 6. Total number of applications and patents involved: [1]				
		7. Total fee (37 CFR 3.41) \$40.00 ☑ Enclosed ☐ Authorized to be charged to deposit account				
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ASSIGNMENT

	·				
(1-8)	Insert Name(s) of Inver		Yoshifumi Tanimoto (5)		
		(2)	(6)		
		(3)	(7)		
		(4)	(8)		
			In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		
(9)	Insert name of Assigne	<i>e</i> (9)	Murata Kikai Kabushiki Kaisha		
(10)	Insert state of Incorpora Assignee	ation of (10)	Japan 3-banchi, Kisshoin Minami Ochiai-cho.		
(11)	Insert address of Assign	nee (11)	· · · · · · · · · · · · · · · · · · ·		
(12)	Insert identification of Insuch as Title, Case Nur Foreign Application Nur	nber or	FACSIMILE MACHINE AND COMMUNICATION METHOD for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.		
(13)	Insert Date of Signing o Application	f (13)	on December 1, 2000		
	ontinuing United States	and foreign a	execute all papers necessary in connection with any original, reissue, divisional pplications for the above-identified invention and also to execute separate ns as the Assignee may deem necessary or expedient.		
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.					
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.					
United	4) The undersig States patent to the Ass		perform all affirmative acts which may be necessary to obtain a grant of a valid		
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.					
The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; WILLIAM H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; ALFRED A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; STEVEN K. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278, the power to insert on this assignment any further identification 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: _	Dec. 1, 2000	Signature of Inve	entorYoSHIFUMI_TANIMoTe		
Date: _		Signature of Inve	entor		
Date: _			entor		
Date: _		Signature of Inve	entor		

PATENT REEL: 011632 FRAME: 0640

ASSIGNMENT

(1-8)	Insert Name(s) of Inven	ntor(s) (1)	Yoshifumi Tanimoto (5)
		(2)	(6)
		(3)	(7)
		(4)	(8)
			In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(9)	Insert name of Assigned	e (9)	Murata Kikai Kabushiki Kaisha
(10)	Insert state of Incorpora Assignee	ntion of (10)	Japan 3-banchi, Kisshoin Minami Ochiai-cho.
(11)	Insert address of Assign	nee (11)	· · · · · · · · · · · · · · · · · · ·
(12)	Insert identification of In such as Title, Case Nun Foreign Application Nun	nber or	FACSIMILE MACHINE AND COMMUNICATION METHOD for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
(13)	Insert Date of Signing of Application	f (13)	on December 1, 2000
	ontinuing United States	and foreign a	execute all papers necessary in connection with any original, reissue, divisional applications for the above-identified invention and also to execute separate ons as the Assignee may deem necessary or expedient.
	ed concerning this appl	lication or conti	execute all papers necessary in connection with any interference which may be nuation or division thereof and to cooperate with the Assignee in every way and with such interference.
			to execute all papers and documents and perform any act which may be one of the International Convention for Protection of Industrial Property or similar
United	4) The undersign States patent to the Ass		perform all affirmative acts which may be necessary to obtain a grant of a valid
thereo	s Patents of the United f to the said Assignee,	States resulting as Assignee of	athorize(s) and request(s) the Commissioner of Patents to issue any and all g from said application or any division or divisions or continuing applications the entire interest, and hereby covenants that he has (they have) full right to that he has (they have) not executed any agreement in conflict herewith.
YANG LANGI PETER MATTI necess	RLACHER, Reg. No. 23 , Reg. No. 38,690; ALFF LEY, Reg. No. 33,940; I RSON, Reg. No. 36,23 HEW G. DYOR, Reg. N	3,009; WILLIAM RED A. D'ANDR MICHAEL BYOI 8; STEVEN K. No. 42,278, the	TUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING EA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. RICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; E. power to insert on this assignment any further identification which may be the rules of the United States Patent and Trademark Office for recordation of
Date:	Dec. 1, 2000	Signature of In	ventorYoSHIFUMI_TANIMOTO
Date:		Signature of In	ventor
Date:			ventor
Date:			ventor

PATENT REEL: 011632 FRAME: 0641

RECORDED: 03/26/2001