PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
Takuya Nagai	02/12/2010
Tomohiro Sawazaki	02/19/2010

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12721976	

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NAME OF SUBMITTER: Gerald Levy

Total Attachments: 1

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CH \$40.00

PATENT REEL: 024067 FRAME: 0051

ASSIGNMENT

		(1)	Takuya NAGAI	(5)				
(1-8)	Insert	(2)	Tomohiro SAWAZAKI	(6)				
	Name(s) of Inventor(s)	(3)		(7)				
		(4)	•	(8)	,			
			In consideration of the sum of one dolla undersigned, the undersigned agree(s) to					
(9)	insert Name of Assignée	(9)	BROTHER KOGYO KABUSHIKI KAISHA					
(10) Insert Address of Assignee		(10)	15-1 Naeshiro-cho, N 467-8561, Japan	agoya-shi, A	ichi-ken			
			(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provision non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extension reissues and reexamination certificates that may be granted on the invention known as					
(11)	insert Identification	(11)	ONE-WAVELENGTH LOC	OP ANTENNA				
	of invention such as Title, Case			· · · · · · · · · · · · · · · · · · ·				
	Number, or Foreign Application Numbe		(Attorney Docket No7	03169.000050))		
			for which the undersigned has (have) exe	ecuted an application fo	r patent in the United State	es of America		
(12)	Insert Date of Signing of Application	(12)	on <u>Feb.12,2010</u> Feb	1.19,2010				
(13)	Alternative Identification for filed applications	(13)	U.S. application Serial Number					
application every provision reexaming resulting convey t	ons for the invention, as the Assignees may 2.) The undersigned on or continuation or way possible in obtain 3.) The undersigned as of the International 4.) The undersigned nation a grant of a validation of the undersigned from said application from the entire interest here 6.) The undersigned from the undersigned the undersigned from the undersigned the under	and a deem agree divisio ing ev agree Conve d agn d Unit hereb in ass hereb	e(s) to execute all papers necessary in our patent(s) issuing thereon, and also to necessary. In the necessary in the control of the control	execute separate assistance with any intron based thereon, for erence, and perform any act who is similar agreements, nich may be necessarile interest, and here cuted, and will not exert the power to insert on the power to insert on the secure of the power to insert on the p	ignments in connection will terference which may be on the invention, and to coop hich may be necessary in on the invention of the invention of the invention of the invention of the invention of the by covenants that he has courte, any agreements in of the invention of the inve	th such applications and declared concerning any perate with the Assigned connection with claims or confirm by reissue or tents of the United States (they have) full right to milict herewith.		
	in witness whereof,		ted by the undersigned on the date(s) o			ing document		
Date	Feb. 12	<u>, 2</u> ,	210 Name of Inventor	Jakuya	Nagai	(SEAL)		
Date	Feb. 19.	عد	Name of Inventor	Tomohiro	Nagai Sawazaki	(SEAL)		
Date			Name of inventor			(SEAL)		
Date		···-	Name of Inventor			(SEAL)		
Date	**************************************		Name of inventor			(SEAL)		
Date			Name of Inventor			(SEAL)		

PATENT REEL: 024067 FRAME: 0052

RECORDED: 03/11/2010