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Atty Docket No.:	199455US2 3 2001 3
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To the Honorable C	ommissioner of Patents and T

09-05-2002





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documents or copy thereof.

1. Name of conveying party(ies):	2. Name ar	nd address of receiving party(ies):		
Shu NAMIKI; Yoshihiro EMORI and Mikio OGAI	Name:	THE FURUKAWA ELECTRIC CO., LTD.		
7-301 Additional name(s) of conveying party(ies) attached? EVec = No.	Address:	6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8322, JAPAN		
Additional name(s) of conveying party(ies) attached? □Yes ■No.	'			
3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other				
Execution Date: April 3, 6, 2001	Additional	name(s) and 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	ne execution da	ate of the application is:		
A. Patent Application No.(s) 09/775,632	B. Patent N	Jo.(s)		
Additional numbers at	tached? □Yes	No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total app	plications and patents involved: 1		
/ (BBI)/B /(B)/B /(BBI) (B/H) (BI)/(BBI)	-	(37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account		
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9. Statement and signature				
To the best of my knowledge and belief, the foregoing informat of the original document.	ion is true and	correct and any attached copy is a true copy		
Marvin J. Spivak Paul	a Say	9/24/01		
Name of Person Signing Paul A.	Sacher	Date		
Registration Number: 24,913 Registration	No. 43,41	8		
Total number of pages including this cover sheet: 5				
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Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231

> **PATENT REEL: 013054 FRAME: 0492**

	WHEREAS, I (WE) Shu NAMIKI, Chiyoda-ku, JAPAN; Yoshihiro EMORI
ISERT NAMES ND RESIDENCE	Chiyoda-ku, JAPAN; and Mikio OGAI, Chuo-ku, Chiba, JAPAN
DDRESSES OF LE INVENTORS:	
	, respectively,
SERT TITLE INVENTION:	have invented certain new and useful improvements in: RAMAN AMPLIFIER SYSTEM.
ERT DATE IN-	APPARATUS AND METHOD FOR IDENTIFYING, OBTAINING AND MAINTAINING AN ARBITRARY RAMAN AMPLIFICATION PERFORMANCE
NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed on
	(Application No. 09/775, 632 , filed <u>February 5, 2001</u>), and
ERT NAME D ADDRESS OF MPANY OR HER ASSIGNEE:	WHEREAS, THE FURUKAWA ELECTRIC CO., LTD.
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 6-1, Marunouchi
	2-chome, Chiyoda-ku, Tokyo, 100-8322, JAPAN
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
	NOW THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Paternt to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, 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:	April 3, 2001		The Namile
	·	(Signature of Inventor)	Shu NAMIKI
Date:_	April 3, 2001	(Signature of Inventor)	Yoshihira Emori
			Yoshihiro EMORI
Date:_		(Signature of Inventor)	Mikio OGAI
Date:_		(Signature of Inventor)	
Date:_		(Signature of Inventor)	
Date:_		(Signature of Inventor)	
Date:_		(Signature of Inventor)	
Date:_		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

FOURTH FLOOR

1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

Λ

	WHEREAS, I (WE) Shu NAMIKI, Chiyoda-ku, JAPAN; Yoshihiro EMORI,
SERT NAMES	Chiyoda-ku, JAPAN; and Mikio OGAI, Chuo-ku, Chiba, JAPAN
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	, respectively,
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NTORS SIGNED	for which an application for Letters Patent was executed on
	(Application No. 09/775,632, filed February 5, 2001, and
SERT NAME ND ADDRESS OF DIMPANY OR THER ASSIGNEE:	WHEREAS, THE FURUKAWA ELECTRIC CO., LTD.
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 6-1. Marunouchi
	2-chome, Chiyoda-ku, Tokyo, 100-8322, JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
	any and an ioreign countries,

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PATENT REEL: 013054 FRAME: 0495

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Date:	
	(Signature of Inventor) Shu NAMIKI
Date:	(Signature of Inventor)
	Yoshihiro EMORI
Date: April 6, 200/	- Milio Car
· · · · · · · · · · · · · · · · · · ·	(Signature of Inventor) Mikio OGAI
Date:	Milio Dais
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
Date	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY **ARLINGTON, VIRGINIA 22202**

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PATENT REEL: 013054 FRAME: 0496

RECORDED: 07/30/2001