	## <b>####</b>		Q94964			
MODIFIED Form PTO-1595		SHEET	U.S. DEPARTMENT OF COMMERCE			
(Rev. 10/02)	103245007	<i>7</i>	U.S. Patent and Trademark Office			
To the Director of the U.S. Patent and Tr	ademark Office: Please record u	ie attached original do	ocuments or copy thereof.			
1. Name of conveying party(ies):		ddress of receiving				
Shinji IIO; Machio DOBASHI; Chie SATO; Mo		ELECTRIC CORP	• • •			
WADA; Katsuya IKEZAWA; Akira MIURA; T	l l	2-chome, Musashi				
YAKIHARA; Shinji KOBAYASHI; Sadaharu C		, <b>–</b> •110111 <b>0</b> , 111000111	FG 7:			
,,,,,	'''		ούς 2 <b>1</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Additional name(s) of conveying party(ies) attached?	Yes ☑ No					
3. Nature of conveyance:			55 4 55			
• 			ő <del>–</del> Ö			
,			= =			
☐ Security Agreement ☐ Change of Name						
□ Other						
Execution Date: May 1, 2006	Additional name	(s) & address(es) attac	ched? ☐ Yes			
4. Application number(s) or patent number(s):						
If this document is being filed together with a	new application, the execution	on date of the applic	ation is: May 1, 2006			
	B. Patent No					
A. Patent Application No.(s) unknown	unknown	7.(8)				
unknown	dikilowii					
Additional numbers attached? ☐ Yes ☑ No						
5. Name and address of party to whom correspo	ndence 6. Total number	er of applications ar	nd patents involved:			
concerning document should be mailed:		1				
SUGHRUE MION, PLLC	7. Total fee (3'	7 CFR 3.41):	\$40.00			
WASHINGTON OFFICE	☑ Enclosed	d.				
23373	☐ Authoriz	zed to be charged to	Deposit Account No. 19-4880.			
CUSTOMER NUMBER	The USPTO	is directed and autl	horized to charge all required			
			he Publication Fee, to Deposit			
			credit any overpayments to said			
	Deposit Accou					
	8. Deposit Acc		200			
	(Attach du	19-4	e880 ge if paying by deposit account)			
			ge it paying by deposit account)			
DO NOT USE THIS SPACE						
9. Statement and signature.						
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the						
original document.						
( ) 24						
Jany My	<i>(</i> ~					
I. Jary C.	•	י	May 22, 2006			
Darryl Mexic	Reg. No. 23,063		Date			
,						
Total number of pages including cover sheet, attachments, and documents: 3						
Mail documents to be recorded with required cover sheet information to:						
MAIL STOP ASSIGNMENT RECORDATION SERVICES						
Director of the U.S. Patent and Trademark Office						
P.O. Box 1450 Alexandria, VA 22313-1450						
	AICXAIIUHA, VA 22313-143	JU				

05/25/2006 DBYRNE 00000146 11437647

01 FC:8021

40.00 DP

PATENT REEL: 017920 FRAME: 0838

## ASSIGNMENT

Whereas, I/we, (1) Shinji IIO, (2) Machio DOBASHI, (3) Chie SATO, (4) Morio WADA, (5) Katsuya IKEZAWA, (6) Akira MIURA, (7) Tsuyoshi YAKIHARA, (8) Shinji KOBAYASHI, (9) Sadaharu OKA of c/o Yokogawa Electric Corporation, 9-32, Naka-cho 2-chome, Musashino-shi, Tokyo Japan

hereinafter called assignor(s), have invented certain improvements in OPTICAL WAVEFORM SHAPING DEVICE INCLUDING PORTIONS FOR RESPECTIVELY ABSORBING AND AMPLIFYING TRANSMITTED OPTICAL SIGNAL and executed an application for Letters Patent of the United States of America therefor on May 1

2006; and

Whereas, Yokogawa Electric Corporation of 9-32, Naka-cho 2-chome, Musashino-shi, Tokyo

Japan (assignee), desires to acquire the entire right, title and interest in the application and invention, and to
any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania

Avenue,	N.W.,	Washington,	D.C.	20037-3213	to	insert	here	in	parenthe	eses	(Applic	ation
number _		, fil	ed		)	the filir	ng date	and	application	on nur	nber of	said
applicatio	n when kr	nown.										
	Date	e: May 1,	2006		s/_		Š	hing	i de	o		
								•			Shinj	i IIO
	Date	e: May 1,	2006		s/_		1	laci	réo	Det	lash	- t
							M	achio	DOBA	SHI		
	Date	e: May 1,	2006		s/			_C	hice	Sz	470	<u>5</u>
											Chie S	ATO
	Date	e: May 1,	2006		s/		6	mo	is U	rai	)a	

PATENT REEL: 017920 FRAME: 0839

Morio WADA

CSP2i36i /090U5 3蒙2/2

Sadaharu OKA

Date:	May 1, 2006	s/	Hatsuya IKEZAWA
Date:	May 1, 2006	s/	Akira MIURA
Date:	May 1, 2006	s/	Tsuyoshi Yakikara Tsuyoshi YAKIHARA
Date:	May 1, 2006	s/	Shinji Kobayashi Shinji KOBAYASHI
Date:	May 1, 2006	s/	Ladobarn Oka

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

**RECORDED: 05/22/2006** 

PATENT REEL: 017920 FRAME: 0840