

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Akira SHIMAMURA	03/13/2009
Koichi MITA	03/13/2009
Hideshi FUJISHIMA	03/20/2009
Takashi ARAI	03/13/2009
Shunichi KO	03/13/2009
Takuya TERASAWA	03/13/2009
Koji MIKAMI	03/17/2009
Naoya KOMADA	03/15/2009

RECEIVING PARTY DATA

Name:	FUJITSU MICROELECTRONICS LIMITED
Street Address:	7-1, Nishi-Shinjuku 2-chome
Internal Address:	Shinjuku-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	163-0722

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12410152

CORRESPONDENCE DATA

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OP \$40.00 12410152

500864858

PATENT
REEL: 022711 FRAME: 0313

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ATTORNEY DOCKET NUMBER:

101229-00110

NAME OF SUBMITTER:

Charles M. Marmelestein

Total Attachments: 6

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))
Fujitsu Microelectronics Limited

7-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0722 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

SIGNAL RECEIVER APPARATUS AND WAVEFORM SHAPING METHOD

relating to International Patent Application PCT/IP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____

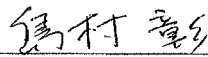

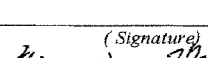
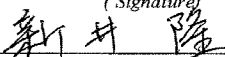

Serial No. _____ / _____

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)  (Signature)	Akira SHIMAMURA (Type Name)	Mar. 13, 2009 (Date)
2)  (Signature)	Koichi MITA (Type Name)	Mar. 13, 2009 (Date)
3)  (Signature)	Hideshi FUJISHIMA (Type Name)	 (Date)
4)  (Signature)	Takashi ARAI (Type Name)	Mar. 13, 2009 (Date)
5)  (Signature)	Shunichi KO (Type Name)	Mar. 13, 2009 (Date)

T.T. <i>Terasawa</i> 6) <i>Terasawa</i> (Signature)	Takuya TERASAWA (Type Name)	Mar. 13. 2008 (Date)
7) _____ (Signature)	Koji MIKAMI (Type Name)	_____ (Date)
N.K. <i>Komada</i> 8) <i>Komada</i> (Signature) <i>N. Komada</i>	Naoya KOMADA (Type Name)	Mar. 15. 2009 (Date)

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(a) executed on _____;

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2) _____ (Signature)	Koichi MITA (Type Name)	_____ (Date)
3) 藤 嶋 英 (Signature)	Hideshi FUJISHIMA (Type Name)	Mar. 20, 2009 (Date)
4) _____ (Signature)	Takashi ARAI (Type Name)	_____ (Date)
5) _____ (Signature)	Shunichi KO (Type Name)	_____ (Date)

6)	_____	Takuya TERASAWA	_____
	(Signature)	(Type Name)	(Date)
7)	_____	Koji MIKAMI	_____
	(Signature)	(Type Name)	(Date)
8)	_____	Naoya KOMADA	_____
	(Signature)	(Type Name)	(Date)