502035712 08/23/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Toshiki SESHITA	08/10/2012

RECEIVING PARTY DATA

Name:	Kabushiki Kaisha Toshiba	
Street Address:	1-1, Shibaura 1-chome, Minato-ku	
City:	Tokyo	
State/Country:	y: JAPAN	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	13592288		

CORRESPONDENCE DATA

Fax Number: 7136234846 **Phone**: 713-623-4844

Email: psdocketing@pattersonsheridan.com, jcardenas@pattersonsheridan.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Patterson & Sheridan, LLP Address Line 1: 3040 Post Oak Blvd.

Address Line 2: Suite 1500

Address Line 4: Houston, TEXAS 77056-6582

ATTORNEY DOCKET NUMBER: TAI/0009US

NAME OF SUBMITTER: Frederick D. Kim

Total Attachments: 2

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<u>PATENT</u>

REEL: 028839 FRAME: 0448

OF \$40.00 13592288

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

١	lames	and	Add	dresses	of	Inventors:
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1)	Toshiki SESHITA Kanagawa-ken, Japan	
	(hereinafter referred to as Assignors),	have invented a certain invention entitled:
	HIGH-FREQUENCY SEMICONDU	JCTOR SWITCH AND TERMINAL DEVICE
	for which an application for Letters Pat	tent in the United States:
	is executed concurrently herewas executed on was filed on	with; or , , under Serial No

WHEREAS, Kabushiki Kaisha Toshiba, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

(I/we hereby authorize and request our attorneys, Patterson & Sheridan, LLP of 3040 Post Oak Boulevard, Suite 1500, Houston, Texas 77056, to insert the filing date and

application number of said application when known.)

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, continuation or continuation-in-part of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing, continuation-in-part or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

PATENT REEL: 028839 FRAME: 0449 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Aug. 10, 2012 (DATE)

PATENT

REEL: 028839 FRAME: 0450

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RECORDED: 08/23/2012