### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Yasuo Matsumura	06/18/2009

#### **RECEIVING PARTY DATA**

Name:	Texas Instruments Incorporated
Street Address:	7839 Churchill Way, M/S 3999
City:	Dallas
State/Country:	TEXAS
Postal Code:	75251

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12487390

## **CORRESPONDENCE DATA**

Fax Number: (972)917-4418

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 972-917-4144

Email: tina-smith@ti.com

Correspondent Name: John J. Patti

Address Line 1: 7839 Churchill Way, M/S 3999

Address Line 4: Dallas, TEXAS 75251

ATTORNEY DOCKET NUMBER: TI-66454

NAME OF SUBMITTER: Tina Smith

Total Attachments: 2

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PATENT REEL: 023331 FRAME: 0635 CH \$40.00 1248

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### ASSIGNMENT

WHEREAS, TEXAS INSTRUMENTS JAPAN, LTD. (hereinafter TIJ), a Japanese company having its headquarters at 24-1 Nishi-Shinjuku 6-chome, Shinjuku-ku, Tokyo, Japan, under the laws of Japan made application, in its own name, for Letters Patent in Japan in respect of an invention as set forth below;

WHEREAS, the or each below named inventor (hereinafter INVENTOR) is the or an inventor of the said invention;

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring the entire right, title and interest in and to the said invention outside of Japan, and in and to the U.S. patent application as identified hereinafter and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, TIJ and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns the entire right, title and interest in and to the said invention in the U.S.A. and all other countries outside Japan; in and to the U.S. patent application as identified below and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the right to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

TIJ and INVENTOR hereby authorize and request the Commissioner of Patents to issue U.S. patents for said invention, or U.S. patents resulting therefrom, insofar as the interest of TIJ and INVENTOR is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIJ and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to TIJ and INVENTOR respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside of Japan.

### BOOST CIRCUIT AND POWER SUPPLY DEVICE

Title of Invention

Japanese Serial No.:

2008-134646

Filed:

5/22/2008

PATENT REEL: 023331 FRAME: 0636 U.S. Application Serial No.:

**RECORDED: 10/06/2009** 

U.S. Application Serial No.:	12/487,390	Filed:	6/18/2009
IN WITNESS WHEREO	F, this Agreement	has been execute	d as set forth below;
by Texas Instruments Japan, Ltd.	/		
Name Toshiyuki Yamasaki Title Representative Director and	*		
Date18 June 2009			
and by the INVENTOR:			
(1) Yasuo Matsum	ura		
Yasuo Matsumura			
10-1103 Cyudoji Boujyocho, Shimo Address	ogyoku, Kyoto-sh	i, Kyoto-Fu, Ja <sub>i</sub>	oan 600-8811
Date18 June 2009			
(2)			
Address			
Date			

12/487,390

Filed:

**PATENT** REEL: 023331 FRAME: 0637