502585720 11/27/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2631823

SUBMISSION TYPE:		NEW ASSIGNMENT				
ATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
	ame Execution Date					
TAKASHI SUDO			11/18/2013			
OSAMU SANBUICH			11/18/2013			
RECEIVING PARTY I	DATA					
Name:	KABUSHIKI KAISHA TOSHIBA					
Street Address:	1-1, SHIBAUF	1-1, SHIBAURA 1-CHOME, MINATO-KU				
City:	MINATO-KU	MINATO-KU				
State/Country:	JAPAN	JAPAN				
Postal Code:	105-8001	105-8001				
PROPERTY NUMBER		1				
Property		1400238	Number 54			
Property Application Number:	Туре	1409238				
Property	Туре	1409235				
Property Application Number: CORRESPONDENCE Fax Number:	Type E DATA (408	3)720-838	33			
Property Application Number: CORRESPONDENCE Fax Number: Phone:	Type E DATA (408) (408)	3)720-838 3) 720-830	33 00			
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email:	Type E DATA (408 (408) jess	3)720-838 3) 720-830 sica_fisher	33 00 r@bstz.com			
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email:	Type E DATA (408 (408 jess	3)720-838 3) 720-830 sica_fisher	33 00			
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will	Type E DATA (408 (408 jess be sent via US Ma 127	3)720-838 3) 720-830 sica_fisher fail when to AKELY SC 9 OAKME	33 00 r@bstz.com the email attempt is unsuccessful. DKOLOFF TAYLOR & ZAFMAN EAD PARKWAY			
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will of the correspondent Name	Type E DATA (408 (408 jess be sent via US Ma 127	3)720-838 3) 720-830 sica_fisher fail when to AKELY SC 9 OAKME	33 00 r@bstz.com the email attempt is unsuccessful. DKOLOFF TAYLOR & ZAFMAN			
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will a Correspondent Name Address Line 1:	Type E DATA (408 (408 jess be sent via US Ma 127 SUN	3)720-838 3) 720-830 sica_fisher fail when to AKELY SC 9 OAKME	33 00 r@bstz.com the email attempt is unsuccessful. DKOLOFF TAYLOR & ZAFMAN EAD PARKWAY			
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will: Correspondent Name Address Line 1: Address Line 4:	Type E DATA (408 (408 jess be sent via US Ma 127 SUN	3)720-838 3) 720-830 sica_fisher fail when to AKELY SC 9 OAKME	33 00 r@bstz.com the email attempt is unsuccessful. DKOLOFF TAYLOR & ZAFMAN EAD PARKWAY E, CALIFORNIA 94085-4040			
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email: Correspondence will: Correspondent Name Address Line 1: Address Line 4:	Type E DATA (408 (408 jess be sent via US Ma 127 SUN	3)720-838 3) 720-830 sica_fisher fail when to AKELY SC 9 OAKME	33 00 r@bstz.com the email attempt is unsuccessful. DKOLOFF TAYLOR & ZAFMAN EAD PARKWAY E, CALIFORNIA 94085-4040			

PATENT REEL: 031688 FRAME: 0600

Total Attachments: 2 source=P1830_ASI#page1.tif source=P1830_ASI#page2.tif

ASSIGNMENT

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

SIGNAL PROCESSING APPARATUS AND SIGNAL PROCESSING METHOD

have sold and assigned and do hereby sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith			
•		executed on	; (*1	•	
	[] _*	Application No.	, filed		

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Blakely Sokoloff Taylor & Zafman, LLP, attention (Mr. William W. Schaal), 3200 Park Center Drive, Suite 700, Costa Mesa, CA 92626-7149

3KG065861-USA-A (13S0595)

ASSIGNMENT

[1st Inventor] Residence Address: Fuchu-shi, Japan Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan Jakashi Sudo non. 18, 2013 Takashi Sudo [2nd Inventor] Residence Address: Kawasaki-shi, Japan Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan Mov . 20 , 20/3 Osamu Sanbuichi Osamu Sanbuichi

> PATENT REEL: 031688 FRAME: 0602

RECORDED: 11/27/2013