503531430 10/20/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3578057

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
ATSUSHI TAKESHITA			10/06/2015
RECEIVING PARTY DA	TA		
Name:	KABUSHIKI KAISHA TOSHIBA		
Street Address:	1-1, SHIBAURA 1-CHOME		
City:	MINATO-KU, TOKYO		
State/Country:	JAPAN		
Postal Code:	105-8001		
Property Type		Number 29543043	
	29		
Application Number:			
		9543043	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	ATA (2) e sent to ti	9543043 02)344-8300 he e-mail address first; if that is u	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if	ATA (2) e sent to ti provided; i	9543043 02)344-8300 he e-mail address first; if that is u if that is unsuccessful, it will be s	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	ATA (20 e sent to ti provided; i 20	9543043 02)344-8300 he e-mail address first; if that is u	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone:	ATA (20 e sent to ti provided; i 20 P1	0543043 02)344-8300 he e-mail address first; if that is u if that is unsuccessful, it will be s 02-344-4000	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will bu using a fax number, if p</i> Phone: Email:	ATA (20 e sent to ti brovided; i 20 P1 VE	02)344-8300 he e-mail address first; if that is u if that is unsuccessful, it will be s 02-344-4000 FOMail@Venable.com	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA (20 e sent to th provided; i 20 P1 VE P.	0543043 02)344-8300 he e-mail address first; if that is u if that is unsuccessful, it will be s 02-344-4000 FOMail@Venable.com ENABLE LLP	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA (20 e sent to ti provided; i 20 P1 VE P. W	02)344-8300 he e-mail address first; if that is u if that is unsuccessful, it will be s 02-344-4000 FOMail@Venable.com ENABLE LLP O. BOX 34385	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA (20 e sent to ti provided; i 20 P1 VE P. W	02)344-8300 he e-mail address first; if that is used if that is unsuccessful, it will be second 2-344-4000 FOMail@Venable.com ENABLE LLP O. BOX 34385 ASHINGTON, D.C. 20043-9998	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA (20 e sent to ti provided; i 20 P1 VE P. W	02)344-8300 he e-mail address first; if that is u if that is unsuccessful, it will be s 02-344-4000 FOMail@Venable.com ENABLE LLP O. BOX 34385 ASHINGTON, D.C. 20043-9998 18730-392306	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUMBER:	ATA (20 e sent to ti provided; i 20 P1 VE P. W	02)344-8300 he e-mail address first; if that is used if that is unsuccessful, it will be s 02-344-4000 FOMail@Venable.com ENABLE LLP O. BOX 34385 ASHINGTON, D.C. 20043-9998 18730-392306 STEFAN J. KIRCHANSKI	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUMBER NAME OF SUBMITTER: SIGNATURE:	ATA (20 e sent to th provided; i 20 P1 VE P. VE P.	02)344-8300 he e-mail address first; if that is used if that is unsuccessful, it will be s 02-344-4000 FOMail@Venable.com ENABLE LLP O. BOX 34385 ASHINGTON, D.C. 20043-9998 18730-392306 STEFAN J. KIRCHANSKI /Stefan J. Kirchanski/	

WORLDWIDE ASSIGNMENT

WHEREAS <u>Atushi TAKESHITA</u> ____, hereinafter (collectively) referred to as the Assignor, has invented a certain improvement relating to <u>LEAD FRAME</u>, which said Assignor has caused an application for United States Letters Patent to be prepared,

[X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

[] said application having been filed in the United States Patent and Trademark Office on ______, Serial Number ______, and provisional application number ______, filed ;

WHEREAS <u>Kabushiki Kaisha Toshiba</u> hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, and any patents which may be granted therefor, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said Assignee, and said Assignee's successors and assigns, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application and all patents which may be granted therefor, and all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is concerned; to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce proper patent protection for said invention.

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this _____ day of October 6_, 2015.

ASSIGNOR: [NAME]

WITNESS: Signature:

Address:

Name:

Assionon,		h //
Ot	NTAUALI	Takeshita
Signature:	month	E Manava
Name:	Atushi TAKESI	HITA

DC2-295664

RECORDED: 10/20/2015