PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Takeshi Nishino	05/20/2010

RECEIVING PARTY DATA

Name:	FUJITSU COMPONENT LIMITED
Street Address:	3-5, Higashi-Gotanda 2-chome, Shinagawa-ku,
City:	Tokyo
State/Country:	JAPAN
Postal Code:	141-8630

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12791031

CORRESPONDENCE DATA

Fax Number: (202)797-8188

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

202 797 4181 Phone:

IPUSA@IPUSAPAT.COM Email:

Correspondent Name: IPUSA, P.L.L.C

Address Line 1: 1054 31ST STREET, N.W.

Address Line 2: Suite 400

Address Line 4: Washington, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER: 10FC-012 NAME OF SUBMITTER: Martin A. Weeks

Total Attachments: 3

source=RecordationAssignment#page1.tif source=RecordationAssignment#page2.tif source=RecordationAssignment#page3.tif

REEL: 024461 FRAME: 0131

PATENT

Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
RECORDATION FO	ORM COVER SHEET			
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(les)	2. Name and address of receiving party(les)			
Takeshi Nishino	Name: FUJITSU COMPONENT LIMITED			
	Internal Address:			
Additional name(s) of conveying party(les) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) May 20, 2010 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): A. Patent Application No.(s)	Street Address: 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku, City: Tokyo State: Country: Japan Zip: 141-8630 Additional name(s) & address(es) attached? Yes No document is being filed together with a new application. B. Patent No.(s)			
5. Name and address to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed: Name: IPUSA, PLLC	involved: 1			
	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00			
Internal Address:	Authorized to be charged by credit card			
Street Address: 1054 31st Street, N.W., Suite 400	✓ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)			
City; Washington	8. Payment Information			
State: DC Zip:20007	a. Credit Card Last 4 Numbers Expiration Date			
Phone Number: <u>202-797-4181</u>	b. Deposit Account Number 50-4424			
Fax Number: 202-797-8188	Authorized User Name			
Emall Address: jpusa@ipusapat.com	, introduced and training			
9. Signature: Martin a. Weeks Signature	6/1/2010 Date			
Martin A. Weeks Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> PATENT REEL: 024461 FRAME: 0132

ASSIGNMENT

THIS ASSIGNMENT, by <u>Takeshi Nishino</u> (hereinafter referred to as "Assignor"), residing at <u>Shinagawa</u>, <u>Japan</u>,

WHEREAS, Assignor has invented certain new and useful improvements in

KEYBOARD HAVING BACKLIGHT FUNCTION

, set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

WHEREAS, FUJITSU COMPONENT LIMITED, (hereinafter referred to as "Assignee"), having offices at 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8630 Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuation-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and Assignment not been made;

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all

papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignor hereby requests that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignor hereby grants the following individuals 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 United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number 77464.

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

May 20, 2010	Takashi Vishino
Date	Takeshi Nishino