PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY DATA

Name	Execution Date
KOICHI KONDOH	04/02/2010
TAKASHI NAKAJIMA	04/02/2010
NOBUYOSHI SHIMIZU	04/02/2010
MASANOBU HAYAMA	04/02/2010
NORIO ENDO	04/02/2010

RECEIVING PARTY DATA

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City:	токуо
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14059940

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NAME OF SUBMITTER:	HERMAN PARIS
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Signature:	/Herman Paris/
Date:	10/22/2013
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PATENT REEL: 031453 FRAME: 0915

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 Koichi Kondoh, Taka Nobuyoshi Shimizu, Norio Endo Additional name(s) of conveya 3. Nature of conveya Execution Date(s) Apri Assignment Security Agreemer Joint Research Ag Government Interes	party(ies) shi Nakajima, Masanobu Hayama, ying party(ies) attached? Yes No nce/Execution Date(s): 12, 2010 Merger nt Change of Name reement est Assignment 424, Confirmatory License	2. Name and address of receiving party(ies) Name: FUJITSU COMPONENT LIMITED Internal Address:
Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1		
Name: IPUSA, PLLC	zonoula so manou.	involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Street Address:_1054.3	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	
Phone Number: 202-7 Docket Number: 09FC Email Address: ipusa	-026D1	Deposit Account Number 50-4424 Authorized User Name Herman W. Paris
9. Signature:	/Herman W. Par	is/ October 22, 2013
		Total number of pages including cover sheet, attachments, and documents: 3 3) should be faxed to (571) 273-0140, or mailed to: f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 031453 FRAME: 0916

ASSIGNMENT

THIS ASSIGNMENT, by (1) Koichi Kondoh, (2) Takashi Nakajima, (3) Nobuyoshi Shimizu, (4) Masanobu Hayama, and (5) Norio Endo (hereinafter referred to as "Assignors"), residing at (1) Shinagawa, Japan, (2) Shinagawa, Japan, (3) Shinagawa, Japan, (4) Shinagawa, Japan, and (5) Shinagawa, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in

TOUCHSCREEN PANEL, ELECTRONIC APPARATUS AND METHOD OF FABRICATING TOUCHSCREEN PANEL

, 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, Assignors have sold, assigned, transferred and set over, and by these presents do 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 Assignors, had this sale and Assignment not been made;

AND for the same consideration, Assignors hereby represent and warrant 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, Assignors are the sole and lawful owners 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

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AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors 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 Assignors hereby request that the Director of the United States Patent and Trademark Office to 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 Assignors hereby grant 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 Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

	April 2, 2010	Koicho Kondoh
Date		Koichi Kondoh
	April 2, 2010	Japashi X (bajuna
Date		Takashi Nakajima
	April 2, 2010	nobuyoshi Shiwizu
Date	, in the second of the second	Nobuyoshi Shimizu
	April 2, 2010	Masanobu Hayama Masanobu Hayama
Date		Masanobu Hayama
	April 2, 2010	Nonco Enda
Date		Norio Endo