

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Fumihiko NAKAZAWA	08/11/2008
Takashi KATSUKI	08/06/2008
Yuji TAKAHASHI	08/04/2008
Satoshi SANO	08/04/2008
Satoshi SASAKI	07/15/2008
Tamotsu WATANABE	07/15/2008
Kunizo OGOSHI	07/15/2008
Michiko ENDO	07/22/2008

RECEIVING PARTY DATA

Name:	Tohoku Pioneer Corporation
Street Address:	1105 Aza-Nikko, Oaza-Kunomoto,Tendo
City:	Yamagata
State/Country:	JAPAN
Postal Code:	994-8585

Name:	Fujitsu Limited
Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi
City:	Kanagawa
State/Country:	JAPAN
Postal Code:	211-8588

Name:	Fujitsu Component Limited
Street Address:	3-5, Higashigotanda 2-chome, Shinagawa-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	141-8630

PROPERTY NUMBERS Total: 1

PATENT

500732269

REEL: 021987 FRAME: 0924

OP \$40.00 12278697

Property Type	Number
Application Number:	12278697

CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	082027
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NAME OF SUBMITTER:	Stephen G. Adrian
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Total Attachments: 3 source=082027Assignment#page1.tif source=082027Assignment#page2.tif source=082027Assignment#page3.tif

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

Tohoku Pioneer Corporation

1105 Aza-Nikko, Oaza-Kunomoto, Tendo, Yamagata 994-8585, Japan

Fujitsu Limited

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

Fujitsu Component Limited

3-5, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-8630, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**METHOD OF MANUFACTURING DISPLAY APPARATUS WITH
SAW TOUCH SENSOR**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Fumihiko Nakazawa
(Signature)

Fumihiko Nakazawa
(Type Name)

08 / 11 / 2008
(Date)

Takashi Katsuki
(Signature)

Takashi Katsuki
(Type Name)

08 / 06 / 2008
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Yuji Takahashi
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Yuji Takahashi
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08 / 04 / 2008
(Date)

Satoshi Sano
(Signature)

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2008 / 08 / 0304
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(Signature)

(Type Name)

(Date)

PATENT

REEL: 021987 FRAME: 0926

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Satoshi Sasaki</u> (Signature)	<u>Satoshi Sasaki</u> (Type Name)	<u>7.15, 2008</u> (Date)
<u>Tamotsu Watanabe</u> (Signature)	<u>Tamotsu Watanabe</u> (Type Name)	<u>7.15, 2008</u> (Date)
<u>Kunizo Ogoshi</u> (Signature)	<u>Kunizo Ogoshi</u> (Type Name)	<u>7.15, 2008</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

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REEL: 021987 FRAME: 0927

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Michiko Endo</u> (Signature)	<u>Michiko Endo</u> (Type Name)	<u>July 22, 2008</u> (Date)
<hr/> (Signature)	<hr/> (Type Name)	<hr/> (Date)
<hr/> (Signature)	<hr/> (Type Name)	<hr/> (Date)
<hr/> (Signature)	<hr/> (Type Name)	<hr/> (Date)
<hr/> (Signature)	<hr/> (Type Name)	<hr/> (Date)

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