

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tyco Electronics Corporation	06/01/2012
RECEIVING PARTY DATA	
Name:	Elo Touch Solutions, Inc.
Street Address:	301
City:	Menlo Park
State/Country:	CALIFORNIA
Postal Code:	94025
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	29443154
CORRESPONDENCE DATA	
Fax Number:	704-444-11
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	704-444-1000
Email:	usptomail@alston.com
Correspondent Name:	ALSTON & BIRD LLP
Address Line 1:	BANK OF AMERICA PLAZA
Address Line 2:	101 SOUTH TRYON STREET, SUITE 4000
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280-4000
ATTORNEY DOCKET NUMBER:	059965/424314
NAME OF SUBMITTER:	Patrick L. Kartes
Total Attachments: 42 source=424314ASSIGN#page1.tif source=424314ASSIGN#page2.tif source=424314ASSIGN#page3.tif source=424314ASSIGN#page4.tif	

CH \$40.00 29443154

source=424314ASSIGN#page5.tif
source=424314ASSIGN#page6.tif
source=424314ASSIGN#page7.tif
source=424314ASSIGN#page8.tif
source=424314ASSIGN#page9.tif
source=424314ASSIGN#page10.tif
source=424314ASSIGN#page11.tif
source=424314ASSIGN#page12.tif
source=424314ASSIGN#page13.tif
source=424314ASSIGN#page14.tif
source=424314ASSIGN#page15.tif
source=424314ASSIGN#page16.tif
source=424314ASSIGN#page17.tif
source=424314ASSIGN#page18.tif
source=424314ASSIGN#page19.tif
source=424314ASSIGN#page20.tif
source=424314ASSIGN#page21.tif
source=424314ASSIGN#page22.tif
source=424314ASSIGN#page23.tif
source=424314ASSIGN#page24.tif
source=424314ASSIGN#page25.tif
source=424314ASSIGN#page26.tif
source=424314ASSIGN#page27.tif
source=424314ASSIGN#page28.tif
source=424314ASSIGN#page29.tif
source=424314ASSIGN#page30.tif
source=424314ASSIGN#page31.tif
source=424314ASSIGN#page32.tif
source=424314ASSIGN#page33.tif
source=424314ASSIGN#page34.tif
source=424314ASSIGN#page35.tif
source=424314ASSIGN#page36.tif
source=424314ASSIGN#page37.tif
source=424314ASSIGN#page38.tif
source=424314ASSIGN#page39.tif
source=424314ASSIGN#page40.tif
source=424314ASSIGN#page41.tif
source=424314ASSIGN#page42.tif

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT, effective as of the 1st day of June, 2012, by and between Tyco Electronics Corporation, a Pennsylvania corporation (hereinafter referred to as the "ASSIGNOR") and Elo Touch Solutions, Inc., a Delaware corporation (hereinafter referred to as "ASSIGNEE") (collectively, the "Parties"); and

WHEREAS, TE Connectivity Ltd. ("TE"), which is the parent company of ASSIGNOR, and ASSIGNEE are parties to that certain Stock and Asset Purchase Agreement dated April 9, 2012 (the "Purchase Agreement"), pursuant to which TE, on behalf of itself and its affiliates, intends to transfer and convey to ASSIGNEE certain assets, including the patents and patent applications identified in **Schedule A** attached hereto and inventions therein described and claimed (the "Patents"); and

WHEREAS, ASSIGNEE desires to accept such transfer and conveyance;

NOW THEREFORE, FOR THE CONSIDERATION OF US \$100.00 AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby assign, transfer, and convey unto said ASSIGNEE, and ASSIGNEE does hereby accept, all of ASSIGNOR'S right, title, and interest in and to the Patents, including any continuing or divisional or corresponding convention applications, any patents or reissued or re-examined patents resulting therefrom in any jurisdiction and any extensions thereof, and the priority rights thereto for all jurisdictions and the right to sue for past infringement and recover for past damages thereof; all to be held and enjoyed by ASSIGNEE as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this Patent Assignment had not been effected.

The foregoing assignment, transfer and conveyance is granted in conjunction with the transactions contemplated by the Purchase Agreement, and the Parties hereby acknowledge and affirm that their respective rights and remedies (and those of their affiliates) with respect to the assignment, transfer and conveyance of the Patents are more fully set forth in the Purchase Agreement, the provisions of which are incorporated by reference herein. In the event that any provision of this Patent Assignment is deemed to conflict with the Purchase Agreement, the provisions of the Purchase Agreement shall control. ASSIGNOR hereby covenants that ASSIGNOR shall do, execute and deliver any and all such further acts and instruments that ASSIGNEE may reasonably request in order to more fully effectuate ASSIGNOR'S assignment, transfer and conveyance of the Patents to ASSIGNEE as set forth herein.

This Patent Assignment may be signed in counterparts, each of which shall be deemed an original but all of which shall together constitute one instrument.

IN WITNESS WHEREOF, the Parties, intending to be legally bound, have caused this Patent Assignment to be executed by its duly authorized officers.

ASSIGNOR:

TYCO ELECTRONICS CORPORATION



By: Harold G. Barksdale

Title:

Sworn to and subscribed before me this 01st day of June, 2012.

[SEAL]

Notary Public

Name: _____

My Commission Expires: _____

[SIGNATURES CONTINUE ON FOLLOWING PAGE]

Signature Page to Patent Assignment – Tyco Electronics Corporation

PATENT
REEL: 029986 FRAME: 0697

INDIVIDUAL ACKNOWLEDGMENT

State/Commonwealth of Pennsylvania
County of Chester } ss.

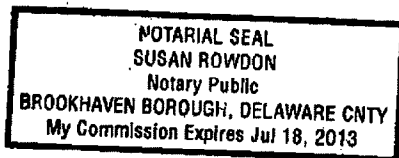
On this the 01st day of June, 2012, before me,
Susan Rowdon, the undersigned Notary Public,
personally appeared Harold G. Barksdale
Name(s) of Signer(s)

☒ personally known to me – OR –

☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for the purposes therein stated.

WITNESS my hand and official seal.



Place Notary Seal and/or Stamp Above

Susan Rowdon
Signature of Notary Public

Other Required Information (Printed Name of Notary, Residence, etc.)

OPTIONAL

Although the information in this section is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Any Attached Document

Title or Type of Document: Patent Assignment - Tyco Electronics Corp

Document Date: June 01, 2012 Number of Pages: _____

Signer(s) Other Than Named Above: none

Right Thumbprint of Signer
Top of thumb here

ASSIGNEE:

ELO TOUCH SOLUTIONS, INC.



By: Steven G. Eisner

Title: President

Sworn to and subscribed before me this _____ day of _____, 2012.

[SEAL]

Notary Public

Name: _____

My Commission Expires: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California
County of Los Angeles

On May 30, 2012 , before me , Tami Lynn McGuirt, Notary Public
Date Name of Notary

personally appeared Steven G. Eisner
Name(s) of Signer(s)

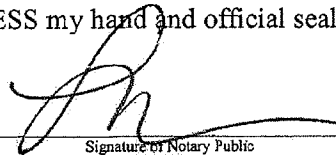


proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in hi/her/their authorized capacity(ies), and that by hi/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above


Signature of Notary Public

SCHEDULE A

PATENTS AND APPLICATIONS

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
CC-00858	Method and Apparatus for Two-Finger Touch Coordinate Recognition and Rotation Gesture	CN	201080008543.8		01/Feb/2010		Published
CC-00858	Method and Apparatus for Two-Finger Touch Coordinate Recognition and Rotation Gesture	EP	10707698.6		01/Feb/2010		Pending
CC-00858	Method and Apparatus for Two-Finger Touch Coordinate Recognition and Rotation Gesture	JP	2011-551054		01/Feb/2010		Pending
CC-00858	Method and Apparatus for Two-Finger Touch Coordinate Recognition and Rotation Gesture	KR	10-2011-7021839		01/Feb/2010		Pending
CC-00858	Method and Apparatus for Two-Finger Touch Coordinate Recognition and Rotation Gesture	TW	99104344		11/Feb/2010		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
CC-00858	Method and Apparatus for Two-Finger Touch Coordinate Recognition and Rotation Gesture Recognition	US	12/389996		20/Feb/2009		Published
CC-00870	Multi-Layer Coversheet for SAW Touch Panel	TW	100118596		27/May/2011		Pending
CC-00870	Multi-Layer Coversheet for SAW Touch Panel	US	12/789733		28/May/2010		Published
CC-00870	Multi-Layer Coversheet for SAW Touch Panel	WO	US2011/037446		20/May/2011		Published
CC-00902	Electrode Configurations for Projected Capacitive Touch Screen	CN	201080022407.4		03/May/2010		Pending
CC-00902	Electrode Configurations for Projected Capacitive Touch Screen	DE	112010002067.1		03/May/2010		Pending
CC-00902	Electrode Configurations for Projected Capacitive Touch Screen	TW	99116078		20/May/2010		Pending
CC-00902	Electrode Configurations for Projected Capacitive Touch Screen	US	12/471194		22/May/2009		Published
CC-00908	Method and Apparatus for Detecting Hold Condition on an Acoustic Touch Surface	CN	201080022403.6		14/May/2010		Pending
CC-00908	Method and Apparatus for Detecting Hold Condition on an Acoustic Touch Surface	DE	112010002072.8		14/May/2010		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
CC-00908	Method and Apparatus for Detecting Hold Condition on an Acoustic Touch Surface	TW	99116072		20/May/2010		Pending
CC-00908	Method and Apparatus for Detecting Hold Condition on an Acoustic Touch Surface	US	12/780033		14/May/2010		Published
CC-00915	Touch Sensor and Touch System Including the Same	US	13/038543		02/Mar/2011		Pending
CC-00948	System and Method for a Projected Capacitive Touchscreen Having Grouped Electrodes	CN	201080022404.0		03/May/2010		Pending
CC-00948	System and Method for a Projected Capacitive Touchscreen Having Grouped Electrodes	DE	112010002061.2		03/May/2010		Pending
CC-00948	System and Method for a Projected Capacitive Touchscreen Having Grouped Electrodes	TW	99116075		20/May/2010		Pending
CC-00948	System and Method for a Projected Capacitive Touchscreen Having Grouped Electrodes	US	12/471016		22/May/2009		Published

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
CC-00970	System and Method for a Projected Capacitive Touchscreen Having Weight Based Coordinate Determination	CN			14/Jul/2010		Pending
CC-00970	System and Method for a Projected Capacitive Touchscreen Having Weight Based Coordinate Determination	DE			14/Jul/2010		Pending
CC-00970	System and Method for a Projected Capacitive Touchscreen Having Weight Based Coordinate Determination	TW	99124656		27/Jul/2010		Pending
CC-00970	System and Method for a Projected Capacitive Touchscreen Having Weight Based Coordinate Determination	US	12/511449		29/Jul/2009		Published
CC-00994	Touch System Using Optical Components to Image Multiple Fields of View on an Image Sensor	TW	100103025		27/Jan/2011		Pending
CC-00994	Touch System Using Optical Components to Image Multiple Fields of View on an Image Sensor	US	12/696475		29/Jan/2010		Published

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
CC-00994	Touch System Using Optical Components to Image Multiple Fields of View on an Image Sensor	WO	US2011/022295		24/Jan/2011		Published
E-CC-00004	Methods and Systems for Converting Touchscreen Events into Application Formatted Data	CN	200580033776.2	ZL200580033776.2	26/Sep/2005	8-Sep-10	Granted
E-CC-00004	Methods and Systems for Converting Touchscreen Events into Application Formatted Data	JP	2007-535710		26/Sep/2005		Published
E-CC-00055	Apparatus for Mounting a Display System to a Front Side of a Surface	US	11/014433	7274557	16/Dec/2004	25-Sep-07	Granted
E-CC-00245	Touchscreen Using Oriented Microscopic Linear Conductive Elements	CN	200880102972.4		10/Feb/2010		Published
E-CC-00245	Touchscreen Using Oriented Microscopic Linear Conductive Elements	JP	2010-521037		13/Aug/2008		Published
E-CC-00245	Touchscreen Using Oriented Microscopic Linear Conductive Elements	TW	97130502		11/Aug/2008		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
E-CC-00245	Touchscreen Using Oriented Microscopic Linear Conductive Elements	US	11/893041		14/Aug/2007		Published
E-CC-00248	Auto-Gain Switching Module for Acoustic Touch Systems	CN	200780025599.2		29/Jun/2007		Published
E-CC-00248	Auto-Gain Switching Module for Acoustic Touch Systems	EP	07796590.3		29/Jun/2007		Pending
E-CC-00248	Auto-Gain Switching Module for Acoustic Touch Systems	JP	2009-518297		29/Jun/2007		Published
E-CC-00248	Auto-Gain Switching Module for Acoustic Touch Systems	US	11/481630		06/Jul/2006		Published
E-CC-00273	A Touchscreen for Detecting Multiple Touches	CN	200880013408.5		23/Apr/2008		Published
E-CC-00273	A Touchscreen for Detecting Multiple Touches	EP	08743243.1		23/Apr/2008		Pending
E-CC-00273	A Touchscreen for Detecting Multiple Touches	JP	2010-506256		23/Apr/2008		Published
E-CC-00273	A Touchscreen for Detecting Multiple Touches	KR	10-2009-7024419		23/Apr/2008		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
E-CC-00273	A Touchscreen for Detecting Multiple Touches	TW	97114631		22/Apr/2008		Pending
E-CC-00273	Touchscreen for Detecting Multiple Touches	US	11/789776		25/Apr/2007		Published
E-CC-00371	Touch Panel That Has an Image Layer and Detects Bending Waves	US	12/705690		15/Feb/2010		Published
E-CC-00412	Method and System for Calibrating an Acoustic Touchscreen	CN	200880021108.1		20/Jun/2008		Published
E-CC-00412	Method and System for Calibrating an Acoustic Touchscreen	EP	08779685.0		20/Jun/2008		Pending
E-CC-00412	Method and System for Calibrating an Acoustic Touchscreen	JP	2010-513255		20/Jun/2008		Published
E-CC-00412	Method and System for Calibrating an Acoustic Touchscreen	TW	97123124		20/Jun/2008		Pending
E-CC-00412	Method and System for Calibrating an Acoustic Touchscreen	US	11/820923		21/Jun/2007		Published
E-CC-00447	Method and Apparatus for Calibrating Targets on a Touchscreen	CN	200780045626.2		10/Jun/2009		Published
E-CC-00447	Method and Apparatus for Calibrating Targets on a Touchscreen	EP	07853352.8		11/Dec/2007		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
E-CC-00447	Method and Apparatus for Calibrating Targets on a Touchscreen	JP	2009-541369		11/Dec/2007		Pending
E-CC-00447	Method and Apparatus for Calibrating Targets on a Touchscreen	TW	96146979		10/Dec/2007		Pending
E-CC-00447	Method and Apparatus for Calibrating Targets on a Touchscreen	US	12/001604		11/Dec/2007		Published
E-CC-00463	Method and Apparatus for Laplace Constrained Touchscreen Calibration	US	11/925264	8049740	26/Oct/2007	1-Nov-11	Granted
E-CC-00502	Method and System for Detecting Touch Events Based on Magnitude Ratios	CN	200810210363.2		02/Jul/2008		Published
E-CC-00502	Method and System for Detecting Touch Events Based on Magnitude Ratios	EP	08159535.7		02/Jul/2008		Published
E-CC-00502	Method and System for Detecting Touch Events Based on Magnitude Ratios	JP	2008-173057		02/Jul/2008		Published
E-CC-00502	Method and System for Detecting Touch Events Based on Magnitude Ratios	TW	97124526		30/Jun/2008		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
E-CC-00502	Method and System for Detecting Touch Events Based on Magnitude Ratios	US	11/824965		02/Jul/2007		Published
E-CC-00511	Touchscreen Using Both Carbon Nanoparticles and Metal Nanoparticles	CN	200880102975.8		13/Aug/2008		Published
E-CC-00511	Touchscreen Using Both Carbon Nanoparticles and Metal Nanoparticles	EP	08827309.9		13/Aug/2008		Pending
E-CC-00511	Touchscreen Using Both Carbon Nanoparticles and Metal Nanoparticles	JP	2010-521036		13/Aug/2008		Published
E-CC-00511	Touchscreen Using Both Carbon Nanoparticles and Metal Nanoparticles	TW	97130501		11/Aug/2008		Pending
E-CC-00511	Touchscreen Using Both Carbon Nanoparticles and Metal Nanoparticles	US	11/891980		14/Aug/2007		Published
E-CC-00552	Method and System for Detecting Touch Events Based on Redundant Validation	CN	200810214726.X		02/Jul/2008		Published
E-CC-00552	Method and System for Detecting Touch Events Based on Redundant Validation	EP	08159512.6		02/Jul/2008		Published

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
E-CC-00552	Method and System for Detecting Touch Events Based on Redundant Validation	JP	2008-173059		02/Jul/2008		Published
E-CC-00552	Method and System for Detecting Touch Events Based on Redundant Validation	TW	97124535		30/Jun/2008		Pending
E-CC-00552	Method and System for Detecting Touch Events Based on Redundant Validation	US	11/824961		02/Jul/2007		Published
E-CC-00715	Method and Apparatus for Detecting Two Simultaneous Touches and Gestures on a Resistive Touchscreen	US	12/165306		30/Jun/2008		Published
ELG017	Acoustic Touch Position Sensor Using A Low-Loss Transparent Substrate	CN	98805146.X	ZL98805146.X	23/Apr/1998	25-Aug-04	Granted
ELG017	Acoustic Touch Position Sensor Using A Low-Loss Transparent Substrate	EP	10184413.2		24/Jan/1996		Pending
ELG017	Acoustic Touch Position Sensor Using A Low-Loss Transparent Substrate	EP	96902757.2		24/Jan/1996		Published

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG017	Acoustic Touch Position Sensor and Touch Panel	EP	10012664.8		23/Apr/1998		Pending
ELG017	Acoustic Touch Position Sensor Using A Low Acoustic Loss Transparent Substrate	IL	132643	132643	23/Apr/1998	1-Feb-04	Granted
ELG017	Acoustic Touch Position Sensor Using A Low-Loss Transparent Substrate	KR	705023/97	278236	24/Jan/1996	18-Oct-00	Granted
ELG017	Acoustic Touch Position Sensor Using A Low-Loss Transparent Substrate	MX	9910452	211249	23/Apr/1998	8-Nov-02	Granted
ELG017	Acoustic Touch Position Sensor Using A Low-Loss Transparent Substrate	US	08/377183	5708461	24/Jan/1995	13-Jan-98	Granted
ELG017	Acoustic Touch Position Sensor Using A Low Acoustic Loss Transparent Substrate	US	09/862672	6441809	22/May/2001	27-Aug-02	Granted
ELG017	Acoustic Touch Position Sensor Using A Low Acoustic Loss Transparent Substrate	US	08/954838	6236391	21/Oct/1997	22-May-01	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG018	Surface Acoustic Wave Touchscreen With Housing Seal	US	08/621127	5784054	22/Mar/1996	21-Jul-98	Granted
ELG019	Gentle-Bevel Flat Acoustic Wave Touch Sensor	US	08/610260	5739479	04/Mar/1996	14-Apr-98	Granted
ELG020	Acoustic Touch Position Sensor Employing Wave Propagation Along A Plurality Of Non-Orthogonal Axes	CN	97197290.7	ZL97197290.7	22/Jul/1997	3-Oct-07	Granted
ELG020	Acoustic Touch Position Sensor Employing Wave Propagation Along A Plurality Of Non-Orthogonal Axes	CN					Unfiled
ELG020	Acoustic Touch Position Sensor Employing Wave Propagation Along A Plurality Of Non-Orthogonal Axes	CN	200710154765.0	ZL200710154765.0	22/Jul/1997	12-Jan-12	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG020	Acoustic Touch Position Sensor Employing Wave Propagation Along A Plurality Of Non-Orthogonal Axes	EP	10012655.6		22/Jul/1997		Published
ELG020	Acoustic Touch Position Sensor Employing Wave Propagation Along A Plurality Of Non-Orthogonal Axes	EP	97934256.5		22/Jul/1997		Published
ELG020	Acoustic Touch Position Sensor Employing Wave Propagation Along A Plurality Of Non-Orthogonal Axes	JP	509725/98	3300856	22/Jul/1997	27-Apr-02	Granted
ELG020	Acoustic Touch Position Sensor Employing Wave Propagation Along A Plurality Of Non-Orthogonal Axes	KR	7001231/99	294142	22/Jul/1997	12-Apr-01	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG020	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	US	12/686557		13/Jan/2010		Published
ELG020	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	US	11/336694	7683894	20/Jan/2006	23-Mar-10	Granted
ELG020	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	US	10/827847	7061475	20/Apr/2004	13-Jun-06	Granted
ELG020	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	US	08/695716	5854450	12/Aug/1996	29-Dec-98	Granted
ELG020	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	US	10/178692	6723929	22/Jun/2002	20-Apr-04	Granted
ELG020	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	US	11/934650	7629969	02/Nov/2007	8-Dec-09	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG020	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	US	09/220302	5986224	23/Dec/1998	16-Nov-99	Granted
ELG021	Acoustic Touch Sensor With Active Area Substrate Supporting High Order Horizontally Polarized Shear Waves (Aka Saw-Shear-Saw)	CN	96192843.3	ZL96192843.3	13/Feb/1996	17-Sep-03	Granted
ELG021	Acoustic Touch Sensor With Active Area Substrate Supporting High Order Horizontally Polarized Shear Waves (Aka Saw-Shear-Saw)	DE	96905556.5	0823108	13/Feb/1996	7-Apr-04	Granted
ELG021	Acoustic Touch Sensor With Active Area Substrate Supporting High Order Horizontally Polarized Shear Waves (Aka Saw-Shear-Saw)	JP	8-531708	2936210	13/Feb/1996	11-Jun-99	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG021	Acoustic Touch Sensor With Active Area Substrate Supporting High Order Horizontally Polarized Shear Waves (Aka Saw-Shear-Saw)	US	08/424216	5591945	19/Apr/1995	7-Jan-97	Granted
ELG023	Multi-user/Multi Pointing Device Graphical User Interface System (Aka 'Monitor Mouse')	CN	96196868.0	ZL96196868.0	20/Sep/1996	7-May-03	Granted
ELG023	Multi-user/Multi Pointing Device Graphical User Interface System (Aka 'Monitor Mouse')	EP	96933978.7		20/Sep/1996		Published
ELG023	Multi-user/Multi Pointing Device Graphical User Interface System (Aka 'Monitor Mouse')	JP	09-512977	3627241	20/Sep/1996	17-Dec-04	Granted
ELG023	Multi-user/Multi Pointing Device Graphical User Interface System (Aka 'Monitor Mouse')	KR	702059/98	300176	20/Sep/1996	14-Jun-01	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG023	Multi-user/Multi Pointing Device Graphical User Interface System (Aka 'Monitor Mouse')	US	08/531426	5694150	21/Sep/1995	2-Dec-97	Granted
ELG025	Algorithmic Compensation System and Method Therefor for a Touch Sensor Panel	DE	69737350.9	0882281	13/Mar/1997	14-Feb-07	Granted
ELG025	Algorithmic Compensation System and Method Therefor for a Touch Sensor Panel	US	08/616851	5940065	15/Mar/1996	17-Aug-99	Granted
ELG025	Algorithmic Compensation System and Method Therefor for a Touch Sensor Panel	US	09/263694	6506983	05/Mar/1999	14-Jan-03	Granted
ELG026	Touch Sensitive Screen And Method	US	08/989928	6163313	12/Dec/1997	19-Dec-00	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	AU	1998059032	715056	24/Dec/1997	4-May-00	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	BR	PI9714435-5	PI9714435-5	24/Dec/1997	27-Jul-10	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	CA	2273956	2273956	24/Dec/1997	30-Apr-02	Granted
ELG027	Acoustic Touch Sensing Device, Substrate and Method of Sensing Touch	CN	97181045.1	ZL97181045.1	24/Dec/1997	11-Aug-04	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG027	Grating Transducer For Acoustic Touchscreen	DE	97954628.0	69729317.3	24/Dec/1997	26-May-04	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	FR	97954628.0	0950234	24/Dec/1997	26-May-04	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	GB	97954628.0	0950234	24/Dec/1997	26-May-04	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	IL	130345	130345	24/Dec/1997	9-May-04	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	IT	97954628.0	0950234	24/Dec/1997	26-May-04	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	MX	9905934	207228	24/Dec/1997	14-Mar-02	Granted
ELG027	Grating Transducer For Acoustic Touchscreen	US	08/998051	6091406	24/Dec/1997	18-Jul-00	Granted
ELG031A	Touch Confirming Touchscreen Utilizing Plural Touch Sensors	JP	2010-276037		10/Dec/2010		Published
ELG031A	Touch Confirming Touchscreen Utilizing Plural Touch Sensors	US	09/390207	6504530	07/Sep/1999	7-Jan-03	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	DE	10182361.5	2261780	27/Oct/2000	14-Mar-12	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	DE	09171892.4	60046561.6	27/Oct/2000	12-Oct-11	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	DE	00973925.1	60043457.5-08	27/Oct/2000	2-Dec-09	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	EP	10182573.5		27/Oct/2000		Published
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	FR	00973925.1	1330779	27/Oct/2000	2-Dec-09	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	FR	09171892.4	2133777	27/Oct/2000	12-Oct-11	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	FR	10182361.5	2261780	27/Oct/2000	14-Mar-12	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	GB	09171892.4	2133777	27/Oct/2000	12-Oct-11	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	GB	10182361.5	2261780	27/Oct/2000	14-Mar-12	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	GB	00973925.1	1330779	27/Oct/2000	2-Dec-09	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	IT	00973925.1	1330779	27/Oct/2000	2-Dec-09	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	IT	09171892.4	2133777	27/Oct/2000	12-Oct-11	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	IT	10182361.5	2261780	27/Oct/2000	14-Mar-12	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	JP	2002-538371	4629306	27/Oct/2000	19-Nov-10	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	US	09/391352	6492979	07/Sep/1999	10-Dec-02	Granted
ELG032	Contaminant Processing System For An Acoustic Touchscreen	US	09/417872	6366277	13/Oct/1999	2-Apr-02	Granted
ELG033	Adaptive Frequency Touchscreen Controller	DE	00980749.6	60042851.6-08	21/Nov/2000		Granted
ELG033	Adaptive Frequency Touchscreen Controller	JP	2010-158885		21/Nov/2000		Published
ELG033	Adaptive Frequency Touchscreen Controller	JP	2002-545440	4604235	21/Nov/2000	15-Oct-10	Granted
ELG033B	Adaptive Frequency Touchscreen Controller Employing Digital Signal Processing	US	09/408591	6473075	29/Sep/1999	29-Oct-02	Granted
ELG033D	Adaptive Frequency Touchscreen Controller	US	09/408594	6630929	29/Sep/1999	7-Oct-03	Granted
ELG034	Sealing System For Acoustic Wave Touchscreens	US	09/285407	6254105	02/Apr/1999	3-Jul-01	Granted
ELG035	Projective Capacitive Touchscreen	DE	00938102.1	60025209.4	01/Jun/2000	28-Dec-05	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG035	Projective Capacitive Touchscreen	FR	00938102.1	1192585	01/Jun/2000	28-Dec-05	Granted
ELG035	Projective Capacitive Touchscreen	GB	00938102.1	1192585	01/Jun/2000	28-Dec-05	Granted
ELG035	Projective Capacitive Touchscreen	US	09/324346	6297811	02/Jun/1999	2-Oct-01	Granted
ELG036	Acoustic Touchscreen Constructed Directly On A Cathode Ray Tube	US	09/277571	6225985	26/Mar/1999	1-May-01	Granted
ELG037	Acoustic Touchscreen Having Waveguided Reflector Arrays	CN	01813416.5	ZL01813416.5	04/Apr/2001	7-Jan-09	Granted
ELG037	Acoustic Touchscreen Having Waveguided Reflector Arrays	GB	01920930.3	1327224	04/Apr/2001	10-Aug-11	Granted
ELG037	Acoustic Touchscreen Having Waveguided Reflector Arrays	TW	90111711	NI-176965	16/May/2001	26-Aug-03	Granted
ELG037	Acoustic Touchscreen Having Waveguided Reflector Arrays	US	09/579584	6636201	26/May/2000	21-Oct-03	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	AU	2001029060	772853	04/Dec/2000	20-Aug-04	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	CA	2393164	2393164	04/Dec/2000	1-Apr-08	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	CN	00818786.X	ZL00818786.X	04/Dec/2000	10-May-06	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	DE	00993284.9	60046639.6	04/Dec/2000	2-Nov-11	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	FR	00993284.9	1234225	04/Dec/2000	2-Nov-11	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	GB	00993284.9	1234225	04/Dec/2000	2-Nov-11	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	JP	2001-541919	4604234	04/Dec/2000	15-Oct-10	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	MX	2002/005431	227314	04/Dec/2000	15-Apr-05	Granted
ELG040	Apparatus and Method to Improve Resolution of Infrared Touch Systems	US	09/728999	6429857	04/Dec/2000	6-Aug-02	Granted
ELG041	Switch with at Least One Flexible Conductive Member	EP	01000267.3		12/Jul/2001		Published
ELG041	Switch with at Least One Flexible Conductive Member	JP	2010-87755		12/Jul/2001		Published

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG041	Switch With At Least One Flexible Conductive Member	US	09/614290	6469267	12/Jul/2000	22-Oct-02	Granted
ELG042	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	AU	2002011765	785406	16/Oct/2001	2-Aug-07	Granted
ELG042	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	CA	2396763	2396763	16/Oct/2001	7-Jun-11	Granted
ELG042	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	CN	01806052.8	ZL01806052.8	16/Oct/2001	23-Apr-08	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG042	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	JP	2002-540080	4004405	16/Oct/2001	31-Aug-07	Granted
ELG042	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	MX	2002/006645	233483	16/Oct/2001	6-Jan-06	Granted
ELG042	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	TW	90126046	NI-184813	22/Oct/2001	1-Sep-03	Granted
ELG042	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	US	09/705383	6593916	03/Nov/2000	15-Jul-03	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG043	Acoustic Touch Sensor with Laminated Substrate	US	09/972788	7006081	05/Oct/2001	28-Feb-06	Granted
ELG046	Dynamic Corrections for a Non-Linear Touchscreen	US	10/246059	7180508	17/Sep/2002	20-Feb-07	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	CN	03813464.0	ZL03813464.0	15/Apr/2003	1-Oct-08	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	DE	03726288.8	60331054.0-08	15/Apr/2003	20-Jan-10	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	FR	03726288.8	1495440	15/Apr/2003	20-Jan-10	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	GB	03726288.8	1495440	15/Apr/2003	20-Jan-10	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	JP	2003-586826	4284196	15/Apr/2003	27-Mar-09	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	KR	10-2004-7016605	10-0937288	15/Apr/2003	8-Jan-10	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	TW	092108805	I302668	16/Apr/2003	1-Nov-08	Granted
ELG048	Touch Sensor With Improved Electrode Pattern	US	11/267759	7952567	03/Nov/2005	31-May-11	Granted
ELG051	Water Tolerant Touch Sensor	US	10/389391	7116315	14/Mar/2003	3-Oct-06	Granted
ELG052	Acoustic Device Using Higher Order Harmonic Piezoelectric Element	US	10/377493	7000474	28/Feb/2003	21-Feb-06	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG054	Touch Sensor with Non-Uniform Resistive Band	US	10/619915	7265686	15/Jul/2003	4-Sep-07	Granted
ELG055	Acoustic Touch Sensor with Low-Profile Diffractive Grating Transducer Assembly	CN	200480023764.7	ZL200480023764.7	26/May/2004	15-Oct-08	Granted
ELG055	Acoustic Touch Sensor with Low-Profile Diffractive Grating Transducer Assembly	EP	04753691.7		26/May/2004		Published
ELG055	Acoustic Touch Sensor with Low-Profile Diffractive Grating Transducer Assembly	JP	2006-517162	4806632	26/May/2004	19-Aug-11	Granted
ELG055	Acoustic Touch Sensor with Low-Profile Diffractive Grating Transducer Assembly	US	10/603514	7119800	24/Jun/2003	10-Oct-06	Granted
ELG055	Acoustic Touch Sensor with Low-Profile Diffractive Grating Transducer Assembly	US	11/544188	7456825	06/Oct/2006	25-Nov-08	Granted
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	CN	200510003711.5	ZL200510003711.5	06/Jan/2005	2-Dec-09	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	DE	05100046.1	1555629	05/Jan/2005	7-Mar-12	Granted
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	FR	05100046.1	1555629	05/Jan/2005	7-Mar-12	Granted
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	GB	05100046.1	1555629	05/Jan/2005	7-Mar-12	Granted
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	IT	05100046.1	1555629	05/Jan/2005	7-Mar-12	Granted
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	JP	2005-000073	4604224	04/Jan/2005	15-Oct-10	Granted
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	TW	94100277	1352918	05/Jan/2005	21-Nov-11	Granted
ELG058	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	US	10/752935	7274358	06/Jan/2004	25-Sep-07	Granted
ELG060	Acoustic Wave Touch Detecting Apparatus	US	10/712753	6948371	12/Nov/2003	27-Sep-05	Granted
ELG061	Acoustic Wave Touch Detecting Apparatus	JP	2006-539801	4628367	10/Nov/2004	19-Nov-10	Granted
ELG061	Acoustic Wave Touch Detecting Apparatus	US	10/712874	7204148	12/Nov/2003	17-Apr-07	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG062	Touch Sensor System to Detect Multiple Touch Events and Method of the Same	TW	94102864	I352510	31/Jan/2005	11-Nov-11	Granted
ELG062	Touch Sensor System to Detect Multiple Touch Events	US	10/773611	6856259	06/Feb/2004	15-Feb-05	Granted
ELG063	Capacitive Touch Sensor	US	11/046372	7307626	27/Jan/2005	11-Dec-07	Granted
ELG064	Touch Sensor, Touch Sensor System and Method for Detecting a Touch	CN	201110083545.X		13/Apr/2005		Published
ELG064	Touch Sensor, Touch Sensor System and Method for Detecting a Touch	CN	200580011388.4	ZL200580011388.4	13/Apr/2005	8-Jun-11	Granted
ELG064	Touch Sensor, Touch Sensor System and Method for Detecting a Touch	CN	201110083543.0		13/Apr/2005		Published
ELG064	Touch Sensor, Touch Sensor System and Method for Detecting a Touch	CN	201110083418.X		13/Apr/2005		Published
ELG064	Acoustic Touch Sensor	DE	05736598.3	602005030394.4	13/Apr/2005	5-Oct-11	Granted
ELG064	Acoustic Touch Sensor	EP	11176490.8		13/Apr/2005		Published
ELG064	Acoustic Touch Sensor	EP	11176433.8		13/Apr/2005		Published
ELG064	Acoustic Touch Sensor	EP	11176467.6		13/Apr/2005		Published
ELG064	Acoustic Touch Sensor	FR	05736598.3	1741020	13/Apr/2005	5-Oct-11	Granted
ELG064	Acoustic Touch Sensor	GB	05736598.3	1741020	13/Apr/2005	5-Oct-11	Granted
ELG064	Acoustic Touch Sensor	IT	05736598.3	1741020	13/Apr/2005	5-Oct-11	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG064	Acoustic Touch Sensor	JP	2011-217923		13/Apr/2005		Pending
ELG064	Acoustic Touch Sensor	JP	2011-217930		13/Apr/2005		Pending
ELG064	Acoustic Touch Sensor	JP	2007-508576		13/Apr/2005		Published
ELG064	Acoustic Touch Sensor	KR	10-2011-7013900		13/Apr/2005		Pending
ELG064	Acoustic Touch Sensor	KR	10-2011-7013907		13/Apr/2005		Pending
ELG064	Acoustic Touch Sensor	KR	10-2006-7023777		13/Apr/2005		Pending
ELG064	Acoustic Touch Sensor	MX	PA/a/2006/011911	261493	13/Apr/2005	17-Oct-08	Granted
ELG064	Acoustic Touch Sensor	TW	101104310		10/Feb/2012		Pending
ELG064	Acoustic Touch Sensor	TW	101104311		10/Feb/2012		Pending
ELG064	Acoustic Touch Sensor	TW	94111631		13/Apr/2005		Pending
ELG064	Acoustic Touch Sensor	US	13/184435		15/Jul/2011		Published
ELG064	Acoustic Touch Sensor	US	11/106394		13/Apr/2005		Published
ELG064	Acoustic Touch Sensor	US	13/184423		15/Jul/2011		Pending
ELG065	Acoustic Touch Sensor	CN	200580011329.7	ZL200580011329.7	13/Apr/2005	19-Aug-09	Granted
ELG065	Acoustic Touch Sensor	CN	200810160932.7	ZL200810160932.7	13/Apr/2005	18-May-11	Granted
ELG065	Acoustic Touch Sensor	GB	0723396.8	2443744	13/Apr/2005	29-Oct-08	Granted
ELG065	Acoustic Touch Sensor	GB	0622184.0	2428092	13/Apr/2005	16-Apr-08	Granted
ELG065	Acoustic Touch Sensor	JP	2007-508575		13/Oct/2006		Published
ELG065	Acoustic Touch Sensor	JP	2010-080377		13/Apr/2005		Published
ELG065	Acoustic Touch Sensor	JP	2010-292087		13/Apr/2005		Published
ELG065	Acoustic Touch Sensor	US	13/037107		28/Feb/2011		Published
ELG065	Acoustic Touch Sensor	US	11/106166	7545365	13/Apr/2005	9-Jun-09	Granted
ELG067	Stress Seal for Touchscreen Systems	DE	05760963.8	602005029464.3	14/Jun/2005	10-Aug-11	Granted
ELG067	Stress Seal for Touchscreen Systems	FR	05760963.8	1766503	14/Jun/2005	10-Aug-11	Granted

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ELG067	Stress Seal for Touchscreen Systems	GB	05760963.8	1766503	14/Jun/2005	10-Aug-11	Granted
ELG067	Stress Seal for Touchscreen Systems	IT	05760963.8	1766503	14/Jun/2005	10-Aug-11	Granted
ELG067	Stress Seal for Touchscreen Systems	JP	2007-516727	4833201	14/Jun/2005	30-Sep-11	Granted
ELG067	Stress Seal for Touchscreen Systems	TW	94119245		10/Jun/2005		Pending
ELG067	Stress Seal for Touchscreen Systems	US	10/870837	7315336	16/Jun/2004	1-Jan-08	Granted
ELGZ08	Picture Frame Touchscreen Electrode	DE	99301769.8	69932662.1	12/Mar/1999	9-Aug-06	Granted
ELGZ08	Picture Frame Touchscreen Electrode	GB	99301769.8	0942390	12/Mar/1999	9-Aug-06	Granted
ELGZ08	Touch Screen Based upon Topological Mapping with Resistance Framing Design	US	09/262909	6650319	05/Mar/1999	18-Nov-03	Granted
ELGZ09	Touchscreen with Relatively Conductive Grid	US	10/149129	7800589	06/Dec/2000	21-Sep-10	Granted
ET-01023	Method and Apparatus for Detecting Simultaneous Touch Events on a Bending-Wave Touchscreen	CN	201080043596.3		29/Mar/2012		Pending
ET-01023	Method and Apparatus for Detecting Simultaneous Touch Events on a Bending-Wave Touchscreen	EP	10763499.0		28/Mar/2012		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ET-01023	Method and Apparatus for Detecting Simultaneous Touch Events on a Bending-Wave Touchscreen	JP					Unfiled
ET-01023	Method and Apparatus for Detecting Simultaneous Touch Events on a Bending-Wave Touchscreen	KR	10-2012-7010890		27/Apr/2012		Pending
ET-01023	Method and Apparatus for Detecting Simultaneous Touch Events on a Bending-Wave Touchscreen	TW	99132547		27/Sep/2010		Pending
ET-01023	Method and Apparatus for Detecting Simultaneous Touch Events on a Bending-Wave Touchscreen	US	12/569608		29/Sep/2009		Published
ET-01028	System and Method for Detecting Locations of Touches on a Touch Sensor	TW	100116795		13/May/2011		Pending
ET-01028	System & Method for Detecting Locations of Touches on a Projected Capacitive Touch Sensor	US	12/780077		14/May/2010		Published
ET-01028	System and Method for Detecting Locations of Touches on a Touch Sensor	US	13/107565		13/May/2011		Published

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ET-01028	System and Method for Detecting Locations of Touches on a Touch Sensor	WO	US2011/036492		13/May/2011		Published
ET-01031	Computers	EM	001160097-0002	001160097-0002	17/Aug/2009	17-Aug-09	Granted
ET-01032	Computers	EM	001160097-0003	001160097-0003	17/Aug/2009	17-Aug-09	Granted
ET-01034	Bezel-Less Acoustic Touch Apparatus	TW	100110058		24/Mar/2011		Pending
ET-01034	Bezel-Less Acoustic Touch Apparatus	US	13/012513		24/Jan/2011		Published
ET-01034	Bezel-Less Acoustic Touch Apparatus	WO	US2011/028463		15/Mar/2011		Published
ET-01039	Monitor	EM	001191647-0001	001191647-0001	20/Jan/2010	20-Jan-10	Granted
ET-01040	Monitor	EM	001191647-0002	001191647-0002	20/Jan/2010	20-Jan-10	Granted
ET-01067	Background Capacitance Compensation for a Capacitive Touch Input Device	TW	100147651		21/Dec/2011		Pending
ET-01067	Background Capacitance Compensation for a Capacitive Touch Input Device	US	13/013613		25/Jan/2011		Pending
ET-01067	Background Capacitance Compensation for a Capacitive Touch Input Device	WO	US2011/066026		20/Dec/2011		Pending
ET-01074		TW	100147289		20/Dec/2011		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ET-01074	Mechanical Deflection Compensation for a Capacitive Touch Input Device	US	13/013596		25/Jan/2011		Pending
ET-01074	Mechanical Deflection Compensation for a Capacitive Touch Input Device	WO	US2011/066032		20/Dec/2011		Pending
ET-01075	Radial Layout for Acoustic Wave Touch Sensor	US	13/296953		15/Nov/2011		Pending
ET-01075	Radial Transducer for Acoustic Wave Touch Sensor	US	13/296936		15/Nov/2011		Pending
ET-01087	Dispersion-Based Acoustic Touch Signal Detection and Reflector-Based Dispersion Mitigation	US	13/323631		12/Dec/2011		Pending
ET-01097	An Acoustic Touch Apparatus	US	13/274236		14/Oct/2011		Pending
ET-01099	A Method and a Touch Sensing Device for Implementing the Method	CN	201110426635.4		19/Dec/2011		Pending
ET-01099	A Method and a Touch Sensing Device for Implementing the Method	US	13/164228		20/Jun/2011		Pending
ET-01100	An Improved Acoustic Touch Apparatus	US	13/274173		14/Oct/2011		Pending
ET-01112	Touch Apparatus	CN	201130211915.4		06/Jul/2011		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ET-01112	Touch Apparatus	EM	001886946-0001	001886946-0001	05/Jul/2011	5-Jul-11	Granted
ET-01112	Touch Computer	US	29/382748	D647086	06/Jan/2011	18-Oct-11	Granted
ET-01113	Monitors	EM	001802752-0001	1802752-0001	10/Jan/2011	10-Jan-11	Granted
ET-01122	Touch Screens	EM	001829946-0001	001829946-0001	03/Mar/2011	3-Mar-11	Granted
ET-01122	Touch Screens	EM	001829946-0006	001829946-0006	03/Mar/2011	3-Mar-11	Granted
ET-01122	Touch Screens	EM	001829946-0007	001829946-0007	03/Mar/2011	3-Mar-11	Granted
ET-01122	Touch Screens	EM	001829946-0002	001829946-0002	03/Mar/2011	3-Mar-11	Granted
ET-01122	Touch Screens	EM	001829946-0005	001829946-0005	03/Mar/2011	3-Mar-11	Granted
ET-01122	Touch Screens	EM	001829946-0004	001829946-0004	03/Mar/2011	3-Mar-11	Granted
ET-01122	Touch Screens	EM	001829946-0003	001829946-0003	03/Mar/2011	3-Mar-11	Granted
ET-01122	Touch Screens	EM	001829946-0008	001829946-0008	03/Mar/2011	3-Mar-11	Granted
ET-01123	Touch Monitors	CN	201130289916.0		25/Aug/2011		Pending
ET-01123	Touch Monitors	EM	001907262-0002	001907262-0002	23/Aug/2011	23-Aug-11	Granted
ET-01123	Touch Monitors	EM	001907262-0001	001907262-0001	23/Aug/2011	23-Aug-11	Granted
ET-01123	Touch Monitors	US	29/386236	D654501	25/Feb/2011	21-Feb-12	Granted
ET-01124	Acoustic Touch Apparatus With Variable Fitness Substrate	US	13/416,871		09/Mar/2012		Pending
ET-01126	Touch Apparatus	CN	201130304679.0		01/Sep/2011		Pending
ET-01126	Touch Screens	EM	001911157-0002	001911157-0002	01/Sep/2011	1-Sep-11	Granted
ET-01126	Touch Screens	EM	001911157-0001	001911157-0001	01/Sep/2011	1-Sep-11	Granted
ET-01126	Touch Apparatus Such as a Touch Computer of Touch Monitor	IN	238988		26/Aug/2011		Pending
ET-01126	Touch Apparatus	RU	2011502671		01/Sep/2011		Pending

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ET-01126	Touch Computer	US	29/386590	D647898	02/Mar/2011	1-Nov-11	Granted
ET-01131	Acoustic Touch Apparatus with Multi-Touch Capability	US	13/416,940		09/Mar/2012		Pending
ET-01150	Layered Border for Touch Sensor Device	US	13/418035		12/Mar/2012		Pending
ET-01151	Projected Capacitive Touch Sensor with Asymmetric Bridge Pattern	US	13/451253		19/Apr/2012		Pending
ET-01152	Touch Monitor	US	29/406460		15/Nov/2011		Pending
MP1636	Organic Matrix For Acoustic Reflector Array	US	08/839995	5883457	24/Apr/1997	16-Mar-99	Granted
ELG031B	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	JP	2010-190913		27/Oct/2000		Published
ET-01029	Monitors	EM	001160097-0001	001160097-0001	17/Aug/2009	17-Aug-09	Granted
ET-01080	Method for Detecting a Touch-and-Hold Touch Event and Corresponding Device	EP	11290476.8		14/Oct/2011		Pending
ET-01152	Touch Monitor	EM	02037132		04-May-2012		Pending
ET-01172	Projected Capacitive Touch Sensor Circuit	US	13/482665		29-May-2012		Pending
ET-01176	Touch Monitor	US	29/420291		07-May-2012		Pending
ET-01177	Touch Screen Display Device	US					Unfiled

Docket No.	TITLE	COUNTRY	APPL. NO.	PATENT NO.	FILING DATE	ISSUE DATE	STATUS
ET-01087	Acoustic Touch Signal Dispersion Mitigation	US	13/485,913		31-May-2012		Pending