

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Patent Security Agreement (Second Lien)
CONVEYING PARTY DATA	
Name	Execution Date
ELO Touch Solutions, Inc.	06/01/2012
RECEIVING PARTY DATA	
Name:	Credit Suisse AG
Street Address:	11 Madison Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10010
PROPERTY NUMBERS Total: 122	
Property Type	Number
Patent Number:	6535147
Patent Number:	6313829
Patent Number:	5334805
Patent Number:	5451723
Patent Number:	5573077
Patent Number:	7274557
Patent Number:	8049740
Patent Number:	5708461
Patent Number:	6441809
Patent Number:	6236391
Patent Number:	5784054
Patent Number:	5739479
Patent Number:	7683894
Patent Number:	7061475
Patent Number:	5854450

Patent Number:	6723929
Patent Number:	7629969
Patent Number:	5986224
Patent Number:	5591945
Patent Number:	5694150
Patent Number:	5940065
Patent Number:	6506983
Patent Number:	6163313
Patent Number:	6091406
Patent Number:	6504530
Patent Number:	6492979
Patent Number:	6366277
Patent Number:	6473075
Patent Number:	6630929
Patent Number:	6254105
Patent Number:	6297811
Patent Number:	6225985
Patent Number:	6636201
Patent Number:	6429857
Patent Number:	6469267
Patent Number:	6593916
Patent Number:	7006081
Patent Number:	7180508
Patent Number:	7952567
Patent Number:	7116315
Patent Number:	7000474
Patent Number:	7265686
Patent Number:	7119800
Patent Number:	7456825
Patent Number:	7274358
Patent Number:	6948371
Patent Number:	7204148
Patent Number:	6856259
Patent Number:	7307626
Patent Number:	7545365

	7315336
Patent Number:	6650319
Patent Number:	7800589
Patent Number:	6891527
Patent Number:	7411581
Patent Number:	7345677
Patent Number:	7511711
Patent Number:	7583255
Patent Number:	7649807
Patent Number:	8085124
Patent Number:	D647086
Patent Number:	D654501
Patent Number:	D647898
Patent Number:	5883457
Patent Number:	6373475
Application Number:	12389996
Application Number:	12789733
Application Number:	12471194
Application Number:	12780033
Application Number:	13038543
Application Number:	12471016
Application Number:	12511449
Application Number:	12696475
Application Number:	11893041
Application Number:	11481630
Application Number:	11789776
Application Number:	12705690
Application Number:	11820923
Application Number:	12001604
Application Number:	11824965
Application Number:	11891980
Application Number:	11824961
Application Number:	12165306
Application Number:	12686557
Application Number:	13184435

	11106394
Application Number:	13184423
Application Number:	13037107
Application Number:	11017932
Application Number:	12182734
Application Number:	12569608
Application Number:	12780077
Application Number:	13107565
Application Number:	13012513
Application Number:	11813113
Application Number:	11911398
Application Number:	12446943
Application Number:	12863258
Application Number:	13002838
Application Number:	12667904
Application Number:	12339874
Application Number:	12991419
Application Number:	13380475
Application Number:	13379321
Application Number:	13122405
Application Number:	12668225
Application Number:	13146191
Application Number:	13013613
Application Number:	13013596
Application Number:	13296953
Application Number:	13296936
Application Number:	13323631
Application Number:	13274236
Application Number:	13164228
Application Number:	13274173
Application Number:	13416871
Application Number:	13416940
Application Number:	13418035
Application Number:	29406460
Application Number:	13482665

	29420291
Application Number:	13485913

CORRESPONDENCE DATA

Fax Number: (917)777-4104

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: Skadden Arps Slate Meagher & Flom LLP

Address Line 1: Four Times Square

Address Line 2: Attn: John Deming, Esq.

Address Line 4: New York, NEW YORK 10036

ATTORNEY DOCKET NUMBER:

217730/2497

NAME OF SUBMITTER:

John Deming

Total Attachments: 13

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PATENT SECURITY AGREEMENT (SECOND LIEN)

This PATENT SECURITY AGREEMENT (SECOND LIEN), dated as of June 1, 2012 (as amended, supplemented or otherwise modified from time to time, this "Patent Security Agreement (Second Lien)") between ELO TOUCH SOLUTIONS, INC., a Delaware corporation with offices located at 2711 Centerville Road, Suite 400, Wilmington, Delaware 19808 (the "Grantor"), and CREDIT SUISSE AG, a Swiss national bank with offices located at 11 Madison Avenue, New York, New York 10010 (the "Collateral Agent"), in its capacity as collateral agent pursuant to the Credit Agreement (as defined below).

WHEREAS, the Grantor and the Collateral Agent, among others, are parties to that certain (i) Second Lien Credit Agreement, dated as of June 1, 2012 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), (ii) Second Lien Guarantee and Collateral Agreement, dated as of June 1, 2012 (as amended, supplemented or otherwise modified from time to time, the "Security Agreement") and (iii) Intercreditor Agreement, dated as of June 1, 2012 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Intercreditor Agreement"), among Credit Suisse AG, Cayman Islands Branch, as First Lien Agent, and Credit Suisse AG, Cayman Islands Branch, as Second Lien Agent;

WHEREAS, pursuant to the Security Agreement, the Grantor is required to execute and deliver this Patent Security Agreement (Second Lien); and

WHEREAS, pursuant to the Security Agreement, as security for the payment or performance, as the case may be, in full of the Obligations, the Grantor collaterally assigned and pledged to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, and granted to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, a security interest, in all right, title or interest in or to any and all of the Patent Collateral (as defined below) now owned or at any time hereafter acquired by the Grantor or in which the Grantor now has or at any time in the future may acquire any right, title or interest.

NOW THEREFORE, in consideration of the foregoing premises and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

SECTION 1. Definitions. Capitalized terms used, but not otherwise defined, herein shall have the meanings ascribed to such terms in the Security Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Obligations, the Grantor hereby collaterally assigns and pledges to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, and grants to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, a security interest, in all right, title or interest in or to any and all of the following assets and properties now owned or at any time hereafter acquired by the

Grantor or in which the Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the "Patent Collateral"):

(a) (i) all letters patent of the United States or the equivalent thereof in any other country, all registration and recordings thereof, and all applications for letters patent of the United States or the equivalent thereof in any other country, including registrations, recordings and applications in the United States Patent and Trademark Office (or any successor or any similar offices in any other country), including those listed on Schedule A hereto, (ii) all reissues, continuations, divisions, continuations-in-part or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein, (iii) all income, fees, royalties, damages, claims and payments now or hereafter due and/or payable thereunder and with respect thereto, including damages and payments for past, present or future infringements or other violations thereof, (iv) all rights to sue for past, present or future infringements or other violations thereof, and (v) all rights corresponding thereto throughout the world (collectively, "Patents"); and

(b) to the extent not otherwise included, all Proceeds and products of any and all of the foregoing and all collateral security and guarantees given by any person with respect to any of the foregoing.

SECTION 3. Recordation. The Grantor hereby authorizes and requests that the Commissioner of Patents and any other applicable government officer record this Patent Security Interest (Second Lien) in the United States Patent and Trademark Office, or other applicable government office or registrar.

SECTION 4. Security Agreement. This Patent Security Agreement (Second Lien) has been entered into in conjunction with the provisions of the Security Agreement. The Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Patent Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Patent Security Agreement (Second Lien) and the terms of the Security Agreement, the terms of the Security Agreement shall govern and control.

SECTION 5. Intercreditor Agreement. Notwithstanding anything herein to the contrary, the lien and security interest granted to the Collateral Agent pursuant to this Agreement and the exercise of any right or remedy by the Collateral Agent hereunder are subject to the provisions of the Intercreditor Agreement. In the event of any conflict between the terms of the Intercreditor Agreement and this Agreement, the terms of the Intercreditor Agreement shall govern and control.

SECTION 6Term. The term of this Patent Security Agreement (Second Lien) shall be coextensive with the Security Agreement as its term is set forth in Section 7.15 of the Security Agreement.

SECTION 7. Counterparts. This Patent Security Agreement (Second Lien) may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract, and shall become effective as provided in Section 7.04 of the Security Agreement. Delivery of an executed signature page to this Patent Security Agreement (Second Lien) by facsimile transmission shall be as effective as delivery of a manually signed counterpart of this Patent Security Agreement (Second Lien).

SECTION 8. Applicable Law. **THIS PATENT SECURITY AGREEMENT (SECOND LIEN) SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAWS OF THE STATE OF NEW YORK.**

[Signature Page Follows]

IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement (Second Lien) to be duly executed and delivered by its duly authorized officer as of the date first above written.

ELO TOUCH SOLUTIONS, INC.,
as Grantor

By: 

Name: Steven G. Eisner

Title: President

Accepted and Agreed:

CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH,
as Collateral Agent

By: _____

Name:

Title:


By: _____

Name:

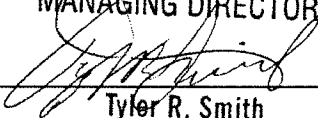
Title:

Accepted and Agreed:

CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH,
as Collateral Agent

By: 


Name: JUDITH E. SMITH
Title: MANAGING DIRECTOR

By: 

Name: Tyler R. Smith
Title: Associate

[Signature Page to Patent Security Agreement (Second Lien)]

SCHEDULE A TO PATENT SECURITY AGREEMENT (SECOND LIEN)

Country	Status	Application #	Filing Date	Patent #	Issue Date	Title	Owner
US	Granted	9/440991	16-Nov-99	6535147	18-Mar-03	Segmented Gain Controller	Elo Touch Solutions, Inc.
US	Granted	9/184104	2-Nov-98	6313829	6-Nov-01	Edge Treatment Method for Ultrasonic Wave Absorption	Elo Touch Solutions, Inc.
US	Granted	7/972605	6-Nov-92	5334805	2-Aug-94	A Controller for an Acoustic Touch Panel	Elo Touch Solutions, Inc.
US	Granted	8/347946	1-Dec-94	5451723	19-Sep-95	Acoustic Wave Touch Panel for Use with a Non-Active Stylus	Elo Touch Solutions, Inc.
US	Granted	8/255334	7-Jun-94	5573077	12-Nov-96	Acoustic Touch Position Sensor	Elo Touch Solutions, Inc.
US	Published	12/389996	20-Feb-09			Method and Apparatus for Two-Finger Touch Coordinate Recognition and Rotation Gesture Recognition	Elo Touch Solutions, Inc.
US	Published	12/789733	28-May-10			Multi-Layer Coversheet for SAW Touch Panel	Elo Touch Solutions, Inc.
US	Published	12/471194	22-May-09			Electrode Configurations for Projected Capacitive Touch Screen	Elo Touch Solutions, Inc.
US	Published	12/780033	14-May-10			Method and Apparatus for Detecting Hold Condition on an Acoustic Touch Surface	Elo Touch Solutions, Inc.*
US	Pending	13/038543	2-Mar-11				Elo Touch Solutions, Inc.
US	Published	12/471016	22-May-09			System and Method for a Projected Capacitive Touchscreen Having Grouped Electrodes	Elo Touch Solutions, Inc.
US	Published	12/511449	29-Jul-09			System and Method for a Projected Capacitive Touchscreen Having Weight Based Coordinate Determination	Elo Touch Solutions, Inc.
US	Published	12/696475	29-Jan-10			Touch System Using Optical Components to Image Multiple Fields of View on an Image Sensor	Elo Touch Solutions, Inc.
US	Granted	11/014433	16-Dec-04	7274557	25-Sep-07	Apparatus for Mounting a Display System to a Front Side of a Surface	Elo Touch Solutions, Inc.
US	Published	11/893041	14-Aug-07			Touchscreen Using Oriented Microscopic Linear Conductive Elements	Elo Touch Solutions, Inc.

US	Published	11/481630	6-Jul-06			Auto-Gain Switching Module for Acoustic Touch Systems	Elo Touch Solutions, Inc.
US	Published	11/789776	25-Apr-07			Touchscreen for Detecting Multiple Touches	Elo Touch Solutions, Inc.
US	Published	12/705690	15-Feb-10			Touch Panel That Has an Image Layer and Detects Bending Waves	Elo Touch Solutions, Inc.
US	Published	11/820923	21-Jun-07			Method and System for Calibrating an Acoustic Touchscreen	Elo Touch Solutions, Inc.
US	Published	12/001604	11-Dec-07			Method and Apparatus for Calibrating Targets on a Touchscreen	Elo Touch Solutions, Inc.
US	Granted	11/925264	26-Oct-07	8049740	1-Nov-11	Method and Apparatus for Laplace Constrained Touchscreen Calibration	Elo Touch Solutions, Inc.
US	Published	11/824965	2-Jul-07			Method and System for Detecting Touch Events Based on Magnitude Ratios	Elo Touch Solutions, Inc.
US	Published	11/891980	14-Aug-07			Touchscreen Using Both Carbon Nanoparticles and Metal Nanoparticles	Elo Touch Solutions, Inc.
US	Published	11/824961	2-Jul-07			Method and System for Detecting Touch Events Based on Redundant Validation	Elo Touch Solutions, Inc.
US	Published	12/165306	30-Jun-08			Method and Apparatus for Detecting Two Simultaneous Touches and Gestures on a Resistive Touchscreen	Elo Touch Solutions, Inc.
US	Granted	08/377183	24-Jan-95	5708461	13-Jan-98	Acoustic Touch Position Sensor Using A Low-Loss Transparent Substrate	Elo Touch Solutions, Inc.
US	Granted	09/862672	22-May-01	6441809	27-Aug-02	Acoustic Touch Position Sensor Using A Low Acoustic Loss Transparent Substrate	Elo Touch Solutions, Inc.
US	Granted	08/954838	21-Oct-97	6236391	22-May-01	Acoustic Touch Position Sensor Using A Low Acoustic Loss Transparent Substrate	Elo Touch Solutions, Inc.
US	Granted	08/621127	22-Mar-96	5784054	21-Jul-98	Surface Acoustic Wave Touchscreen With Housing Seal	Elo Touch Solutions, Inc.
US	Granted	08/610260	4-Mar-96	5739479	14-Apr-98	Gentle-Bevel Flat Acoustic Wave Touch Sensor	Elo Touch Solutions, Inc.
US	Published	12/686557	13-Jan-10			Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	Elo Touch Solutions, Inc.

US	Granted	11/336694	20-Jan-06	7683894	23-Mar-10	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	Elo Touch Solutions, Inc.
US	Granted	10/827847	20-Apr-04	7061475	13-Jun-06	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	Elo Touch Solutions, Inc.
US	Granted	08/695716	12-Aug-96	5854450	29-Dec-98	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	Elo Touch Solutions, Inc.
US	Granted	10/178692	22-Jun-02	6723929	20-Apr-04	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	Elo Touch Solutions, Inc.
US	Granted	11/934650	2-Nov-07	7629969	8-Dec-09	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	Elo Touch Solutions, Inc.
US	Granted	09/220302	23-Dec-98	5986224	16-Nov-99	Acoustic Condition Sensor Employing a Plurality of Mutually Non-Orthogonal Waves	Elo Touch Solutions, Inc.
US	Granted	08/424216	19-Apr-95	5591945	7-Jan-97	Acoustic Touch Sensor With Active Area Substrate Supporting High Order Horizontally Polarized Shear Waves (Aka Saw-Shear-Saw)	Elo Touch Solutions, Inc.
US	Granted	08/531426	21-Sep-95	5694150	2-Dec-97	Multi-user/Multi Pointing Device Graphical User Interface System (Aka 'Monitor Mouse')	Elo Touch Solutions, Inc.
US	Granted	08/616851	15-Mar-96	5940065	17-Aug-99	Algorithmic Compensation System and Method Therefor for a Touch Sensor Panel	Elo Touch Solutions, Inc.
US	Granted	09/263694	5-Mar-99	6506983	14-Jan-03	Algorithmic Compensation System and Method Therefor for a Touch Sensor Panel	Elo Touch Solutions, Inc.
US	Granted	08/989928	12-Dec-97	6163313	19-Dec-00	Touch Sensitive Screen And Method	Elo Touch Solutions, Inc.
US	Granted	08/998051	24-Dec-97	6091406	18-Jul-00	Grating Transducer For Acoustic Touchscreen	Elo Touch Solutions, Inc.
US	Granted	09/390207	7-Sep-99	6504530	7-Jan-03	Touch Confirming Touchscreen Utilizing Plural Touch Sensors	Elo Touch Solutions, Inc.
US	Granted	09/391352	7-Sep-99	6492979	10-Dec-02	Dual Sensor Touchscreen Utilizing Projective-Capacitive and Force Touch Sensors	Elo Touch Solutions, Inc.
US	Granted	09/417872	13-Oct-99	6366277	2-Apr-02	Contaminant Processing System For An Acoustic	Elo Touch Solutions, Inc.

						Touchscreen	
US	Granted	09/408591	29-Sep-99	6473075	29-Oct-02	Adaptive Frequency Touchscreen Controller Employing Digital Signal Processing	Elo Touch Solutions, Inc.
US	Granted	09/408594	29-Sep-99	6630929	7-Oct-03	Adaptive Frequency Touchscreen Controller	Elo Touch Solutions, Inc.
US	Granted	09/285407	2-Apr-99	6254105	3-Jul-01	Sealing System For Acoustic Wave Touchscreens	Elo Touch Solutions, Inc.
US	Granted	09/324346	2-Jun-99	6297811	2-Oct-01	Projective Capacitive Touchscreen	Elo Touch Solutions, Inc.
US	Granted	09/277571	26-Mar-99	6225985	1-May-01	Acoustic Touchscreen Constructed Directly On A Cathode Ray Tube	Elo Touch Solutions, Inc.
US	Granted	09/579584	26-May-00	6636201	21-Oct-03	Acoustic Touchscreen Having Waveguided Reflector Arrays	Elo Touch Solutions, Inc.
US	Granted	09/728999	4-Dec-00	6429857	6-Aug-02	Apparatus and Method to Improve Resolution of Infrared Touch Systems	Elo Touch Solutions, Inc.
US	Granted	09/614290	12-Jul-00	6469267	22-Oct-02	Switch With At Least One Flexible Conductive Member	Elo Touch Solutions, Inc.**
US	Granted	09/705383	3-Nov-00	6593916	15-Jul-03	Touchscreen Having Multiple Parallel Connections to Each Electrode in a Series Resistor Chain on the Periphery of the Touch Area	Elo Touch Solutions, Inc.
US	Granted	09/972788	5-Oct-01	7006081	28-Feb-06	Acoustic Touch Sensor with Laminated Substrate	Elo Touch Solutions, Inc.
US	Granted	10/246059	17-Sep-02	7180508	20-Feb-07	Dynamic Corrections for a Non-Linear Touchscreen	Elo Touch Solutions, Inc.
US	Granted	11/267759	3-Nov-05	7952567	31-May-11	Touch Sensor With Improved Electrode Pattern	Elo Touch Solutions, Inc.
US	Granted	10/389391	14-Mar-03	7116315	3-Oct-06	Water Tolerant Touch Sensor	Elo Touch Solutions, Inc.
US	Granted	10/377493	28-Feb-03	7000474	21-Feb-06	Acoustic Device Using Higher Order Harmonic Piezoelectric Element	Elo Touch Solutions, Inc.
US	Granted	10/619915	15-Jul-03	7265686	4-Sep-07	Touch Sensor with Non-Uniform Resistive Band	Elo Touch Solutions, Inc.
US	Granted	10/603514	24-Jun-03	7119800	10-Oct-06	Acoustic Touch Sensor with Low-Profile Diffractive Grating Transducer Assembly	Elo Touch Solutions, Inc.
US	Granted	11/544188	6-Oct-06	7456825	25-Nov-08	Acoustic Touch Sensor with Low-Profile	Elo Touch Solutions, Inc.

						Diffractive Grating Transducer Assembly	
US	Granted	10/752935	6-Jan-04	7274358	25-Sep-07	Focusing-Shaped Reflector Arrays for Acoustic Touchscreens	Elo Touch Solutions, Inc.
US	Granted	10/712753	12-Nov-03	6948371	27-Sep-05	Acoustic Wave Touch Detecting Apparatus	Elo Touch Solutions, Inc.
US	Granted	10/712874	12-Nov-03	7204148	17-Apr-07	Acoustic Wave Touch Detecting Apparatus	Elo Touch Solutions, Inc.
US	Granted	10/773611	6-Feb-04	6856259	15-Feb-05	Touch Sensor System to Detect Multiple Touch Events	Elo Touch Solutions, Inc.
US	Granted	11/046372	27-Jan-05	7307626	11-Dec-07	Capacitive Touch Sensor	Elo Touch Solutions, Inc.
US	Published	13/184435	15-Jul-11			Acoustic Touch Sensor	Elo Touch Solutions, Inc.
US	Published	11/106394	13-Apr-05			Acoustic Touch Sensor	Elo Touch Solutions, Inc.
US	Pending	13/184423	15-Jul-11				Elo Touch Solutions, Inc.
US	Published	13/037107	28-Feb-11			Acoustic Touch Sensor	Elo Touch Solutions, Inc.
US	Granted	11/106166	13-Apr-05	7545365	9-Jun-09	Acoustic Touch Sensor	Elo Touch Solutions, Inc.
US	Granted	10/870837	16-Jun-04	7315336	1-Jan-08	Stress Seal for Touchscreen Systems	Elo Touch Solutions, Inc.
US	Granted	09/262909	5-Mar-99	6650319	18-Nov-03	Touch Screen Based upon Topological Mapping with Resistance Framing Design	Elo Touch Solutions, Inc.
US	Granted	10/149129	6-Dec-00	7800589	21-Sep-10	Touchscreen with Relatively Conductive Grid	Elo Touch Solutions, Inc.
US	Published	11/017932	22-Dec-04			Processing Signals to Determine Spatial Positions	Elo Touch Solutions, Inc.
US	Granted	09/869432	5-Dec-00	6891527	10-May-05	Processing Signals to Determine Spatial Positions	Elo Touch Solutions, Inc.
US	Granted	10/502969	29-Jul-04	7411581	12-Aug-08	Touch Pad	Elo Touch Solutions, Inc.
US	Published	12/182734	30-Jul-08	-		Touch Pad	Elo Touch Solutions, Inc.
US	Published	12/569608	29-Sep-09			Method and Apparatus for Detecting Simultaneous Touch Events on a Bending-Wave Touchscreen	Elo Touch Solutions, Inc.
US	Published	12/780077	14-May-10			System & Method for Detecting Locations of Touches on a Projected Capacitive Touch Sensor	Elo Touch Solutions, Inc.

US	Published	13/107565	13-May-11			System and Method for Detecting Locations of Touches on a Touch Sensor	Elo Touch Solutions, Inc.
US	Published	13/012513	24-Jan-11			Bezel-Less Acoustic Touch Apparatus	Elo Touch Solutions, Inc.
US	Granted	10/518152	9-Dec-04	7345677	18-Mar-08	Method for Locating an Impact on a Surface and Device Therefor	Elo Touch Solutions, Inc.
US	Granted	11/024514	28-Dec-04	7511711	31-Mar-09	Method for Locating an Impact on a Surface and Device Therefor	Elo Touch Solutions, Inc.
US	Granted	10/581423	2-Jun-06	7583255	1-Sep-09	Man/Machine Interface Device and Method	Elo Touch Solutions, Inc.
US	Granted	11/573513	25-Jan-08	7649807	19-Jan-10	Method for Locating an Impact on a Surface and Device for Implementing Such a Method	Elo Touch Solutions, Inc.
US	Granted	11/577087	11-Apr-07	8085124	27-Nov-11	An Acoustically-Controlled Access Control Installation and an Access Control Device for Such an Installation	Elo Touch Solutions, Inc.
US	Published	11/813113	28-Apr-08			Method for Determining the Position of Impacts	Elo Touch Solutions, Inc.
US	Published	11/911398	12-Oct-07			Method for Determining the Location of Impacts by Acoustic Imaging	Elo Touch Solutions, Inc.
US	Published	12/446943	31-Jul-09			Automatic Gain Control Circuit	Elo Touch Solutions, Inc.
US	Published	12/863258	16-Jul-10			Touch-Sensitive Panel	Elo Touch Solutions, Inc.
US	Published	13/002838	6-Jan-11			Device for Changing the Operational State of an Apparatus	Elo Touch Solutions, Inc.
US	Pending	12/667904	6-Jan-10				Elo Touch Solutions, Inc.
US	Published	12/339874	19-Dec-08			Method for Determining the Locations of at Least Two Impacts	Elo Touch Solutions, Inc.
US	Published	12/991419	5-Nov-10			Method for Determining the Location of an Impact on a Surface of an Object	Elo Touch Solutions, Inc.
US	Pending	13/380475	22-Dec-11				Elo Touch Solutions, Inc.
US	Pending	13/379321	19-Dec-11				Elo Touch Solutions, Inc.
US	Published	13/122405	1-Apr-11			Tactile Man-Machine Interface with Data	Elo Touch Solutions, Inc.

						Communication Interface	
US	Published	12/668225	8-Jan-10			Touch Control System and Method of Localising an Excitation	Elo Touch Solutions, Inc.
US	Pending	13/146191	25-Jul-11				Elo Touch Solutions, Inc.
US	Pending	13/013613	25-Jan-11				Elo Touch Solutions, Inc.
US	Pending	13/013596	25-Jan-11				Elo Touch Solutions, Inc.
US	Pending	13/296953	15-Nov-11				Elo Touch Solutions, Inc.
US	Pending	13/296936	15-Nov-11				Elo Touch Solutions, Inc.
US	Pending	13/323631	12-Dec-11				Elo Touch Solutions, Inc.
US	Pending	13/274236	14-Oct-11				Elo Touch Solutions, Inc.
US	Pending	13/164228	20-Jun-11				Elo Touch Solutions, Inc.
US	Pending	13/274173	14-Oct-11				Elo Touch Solutions, Inc.
US	Granted	29/382748	6-Jan-11	D647086	18-Oct-11	Touch Computer	Elo Touch Solutions, Inc.
US	Granted	29/386236	25-Feb-11	D654501	21-Feb-12	Touch Monitors	Elo Touch Solutions, Inc.
US	Pending	13/416,871	9-Mar-12				Elo Touch Solutions, Inc.
US	Granted	29/386590	2-Mar-11	D647898	1-Nov-11	Touch Computer	Elo Touch Solutions, Inc.
US	Pending	13/416,940	9-Mar-12				Elo Touch Solutions, Inc.
US	Pending	13/418035	12-Mar-12				Elo Touch Solutions, Inc.
US	Pending	29/406460	15-Nov-11				Elo Touch Solutions, Inc.
US	Granted	08/839995	24-Apr-97	5883457	16-Mar-99	Organic Matrix For Acoustic Reflector Array	Elo Touch Solutions, Inc.

US	Granted	09/403563	15-Apr-98	6373475	16-Apr-02	Converter for Resistive Touchscreens	Elo Touch Solutions, Inc.
US	Pending	13/482665	29-May-12				Elo Touch Solutions, Inc.
US	Pending	29/420291	7-May-12				Elo Touch Solutions, Inc.
US	Pending	13/485,913	31-May-12				Elo Touch Solutions, Inc.