

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM342865

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Livescribe Inc.		05/19/2015	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Opus Bank		
Street Address:	19900 MacArthur Boulevard, 12th Floor		
City:	Irvine		
State/Country:	CALIFORNIA		
Postal Code:	92612		
Entity Type:	Commercial bank: CALIFORNIA		
PROPERTY NUMBERS Total: 7			
Property Type	Number	Word Mark	
Registration Number:	4649399	ECHO	
Serial Number:	77184854	LIVESCRIBE	
Serial Number:	77192358	PAPER REPLAY	
Serial Number:	77981544	PAPER REPLAY	
Serial Number:	77184902	PULSE	
Serial Number:	85765233	SKY	
Serial Number:	77184869	TURN YOUR PAPER ON	
CORRESPONDENCE DATA			
Fax Number:	3122585600		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	312-258-5724		
Email:	cbollinger@schiffhardin.com		
Correspondent Name:	Chris L. Bollinger		
Address Line 1:	P.O. Box 06079		
Address Line 2:	Schiff Hardin LLP		
Address Line 4:	Chicago, ILLINOIS 60606-0079		
ATTORNEY DOCKET NUMBER:	41907-0018		
NAME OF SUBMITTER:	Chris L. Bollinger		
SIGNATURE:	/Chris L. Bollinger/		

CH \$190.00 4649399

DATE SIGNED:

05/29/2015

Total Attachments: 18

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*IP Security Agreement*") dated as of May 19, 2015, is made by **LIVESCRIIBE INC.**, a Delaware corporation (herein referred to as "*Grantor*" or "*Debtor*") in favor of **OPUS BANK**, a California Commercial Bank ("*Opus*" or "*Lender*") as Lender under that certain Credit Agreement dated as of the date hereof between Debtor and Lender (as amended and restated, supplemented or otherwise modified from time to time, the "*Credit Agreement*"). Terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement.

WHEREAS, as a condition precedent to the making of Loans by the Lender, Grantor has executed and delivered that certain General Security Agreement dated as of the date hereof between the Grantor and the Lender (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*Security Agreement*").

WHEREAS, under the terms of the Security Agreement, the Grantor has granted a security interest in, among other property, certain intellectual property of the Grantor to the Lender, and has agreed as a condition thereof to execute this IP Security Agreement covering such intellectual property for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor agrees as follows:

SECTION 1. Grant of Security. Grantor hereby grants to the Lender a security interest in and to all of Grantor's right, title and interest in and to the following (the "*Collateral*"):

(i) the United States, international and foreign patents, patent applications and patent licenses set forth in **Schedule A** hereto (as such Schedule A may be supplemented from time to time by supplements to the Security Agreement and this IP Security Agreement, each such supplement, an "*IP Security Agreement Supplement*"), executed and delivered by Grantor to the Lender from time to time), together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, and all rights therein provided by international treaties or conventions (the "*Patents*");

(ii) the United States and foreign trademark and service mark registrations, applications, and licenses set forth in **Schedule B** hereto (as such Schedule B may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by Grantor to the Lender from time to time) (the "*Trademarks*");

(iii) the copyrights, United States and foreign copyright registrations and applications and copyright licenses set forth in **Schedule C** hereto (as such Schedule C may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by Grantor to the Lender from time to time) (the "*Copyrights*");

(iv) any and all claims for damages for past, present and future infringement, misappropriation or breach with respect to the Patents, Trademarks and Copyrights, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(v) any and all proceeds of the foregoing.

Notwithstanding the foregoing, however, the Collateral shall not include any intent-to-use trademarks, prior to the filing of a "Statement of Use" with respect thereto if and solely to the extent that (and so long as) any such intent-to-use trademark application would be rendered void by the attachment or creation of a security interest in the right, title or interest of such Grantor therein).

SECTION 2. Security for Obligations. The grant of a security interest in, the Collateral by Grantor under this IP Security Agreement secures the payment of the Obligations (as defined in the Security Agreement) of Grantor now or hereafter existing, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest (including any interest that accrues after the commencement of bankruptcy), premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise.

SECTION 3. Recordation. Grantor authorizes and requests that the Register of Copyrights, the Commissioner of Patents and Trademarks and any other applicable government office record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Lender with respect to the 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.

SECTION 6. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the law of the State of California.

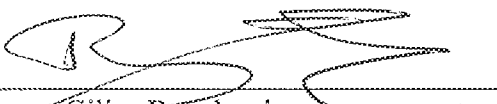
[SIGNATURE PAGE FOLLOWS]

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

Address for Notices:

Livescribe Inc.
7677 Oakport St., Suite 1200
Oakland CA 94621
Attention: Paul Machle

LIVESCRIBE INC., a Delaware corporation, as
Grantor

By: 
Name: Gilles Bouchard
Its: Chief Executive Officer

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

Address for Notices:

Livescribe Inc.
7677 Oakport St., Suite 1200
Oakland CA 94621
Attention: Paul Machle

LIVESCRIBE INC., a Delaware corporation, as
Grantor

By: _____
Name:
Its:

**Schedule A to the
IP Security Agreement**

PATENTS:

FILE #	TITLE	FILING DATE	SERIAL #	PATENT NUMBER	ISSUE DATE
25706-13034/US	Enhanced Audio Recording For Smart Pen Computing Systems	29-May-07	60940661		
25706-13035/US	Binaural Recording For Smart Pen Computing Systems	29-May-07	60940662		
25706-13036/US	Grouping Variable Media Inputs To Reflect A User Session	3-Apr-08	61042222		
25706-13037/US	Cyclical Creation, Transfer, And Enhancement Of Multi-Modal Information Between Paper And Digital Domains	29-May-07	60940663		
25706-13038/US	Multi-Modal Smart Pen Computing System	29-May-07	60940665		
25706-13039/US	Animation Of Audio Ink	29-May-07	60940667		
25706-13040/US	Communicating Audio And Writing A Smart Pen Computing System	29-May-07			
25706-13041/US	Customer Authoring Tools For Creating User-Generated Content For Smart Pen Applications	29-May-07	60940669		
25706-13042/US	Self-Addressing Paper	29-May-07	60940671		
25706-13043/US	Electronic Annotation Of Documents With Preexisting Content	29-May-07	60940672		
25706-13044/US	Organization Of User Generated Content Captured By A Smart Pen Computing System	29-May-07	60940674		
25706-13122/US	Multimedia Linking Device And Method	5-Mar-99	9263672	6529920	4-Mar-03
25706-13999/US	Ink Tags In A Smart Pen Computing System	3-Apr-08	61042179		
25706-14000/US	Quick Record Function In A Smart Pen Computing System	3-Apr-08	61042258		
25706-14001/US	System And Method For Removing Click And	3-Apr-08	61042254		

	Friction Noise in A Writing Device				
25706-14002/US	Audio Bookmarking	3-Apr-08	61042130		
25706-14003/US	Multi-Modal Controller	3-Apr-08	61042207		
25706-14006/US	Multimodal Computing Platform Using Absolute And Relative Input Positioning System	3-Apr-08	61042195		
25706-14007/US	Digital Bookclip	3-Apr-08	61042196		
25706-14011/US	Multimodal Learning System	3-Apr-08	61042236		
25706-14012/US	Decoupled Applications For Printed Materials	3-Apr-08	61042235		
25706-14096/PCT	Enhanced Audio Recording For Smart Pen Computing Systems	29-May-08	PCTUS2008065153		
25706-14096/US	Enhanced Audio Recording For Smart Pen Computing Systems	29-May-08	12129575	8284951	9-Oct-12
25706-14097/PCT	Binaural Recording For Smart Pen Computing Systems	29-May-08	PCTUS2008065155		
25706-14097/US	Binaural Recording For Smart Pen Computing Systems	29-May-08	12129579	8254605	28-Aug-12
25706-14098/PCT	Cyclical Creation, Transfer, And Enhancement Of Multi-Modal Information Between Paper And Digital Domains	29-May-08	PCTUS2008065147		
25706-14098/US	Cyclical Creation, Transfer, And Enhancement Of Multi-Modal Information Between Paper And Digital Domains	29-May-08	12129193	8416218	9-Apr-13
25706-14099/AU	Multi-Modal Smartpen Computing System	29-May-08	2008260115	2008260115	9-Jan-14
25706-14099/CA	Multi-Modal Smart Pen Computing System	29-May-08	2688634		
25706-14099/CN	Multi-Modal Smart Pen Computing System	29-May-08	2008800237946		
25706-14099/EP	Multi-Modal Smart Pen Computing System	29-May-08	87698189		
25706-14099/JP	Multi-Modal Smartpen Computing System	29-May-08	2010510492	5451599	10-Jan-14
25706-14099/KR	Multi-Modal Smart Pen Computing System	29-May-08	1020097027381		

SCHEDULE B TO THE INTELLECTUAL PROPERTY AGREEMENT

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25706-14099/PCT	Multi-Modal Smart Pen Computing System	29-May-08	PCTUS2008065144		
25706-14099/US	Multi-Modal SmartPen Computing System	29-May-08	12129238		
25706-14100/PCT	Animation Of Audio Ink	29-May-08	PCTUS2008065163		
25706-14100/US	Animation Of Audio Ink	29-May-08	12129538	8194081	5-Jun-12
25706-14101/PCT	Communicating Audio And Writing Using A Smart Pen Computing System	29-May-08	PCTUS2008065159		
25706-14101/US	Communicating Audio And Writing Using A Smart Pen Computing System	29-May-08	12129541		
25706-14102/PCT	Customer Authoring Tools For Creating User-Generated Content For Smart Pen Applications	29-May-08	PCTUS2008065162		
25706-14102/US	Customer Authoring Tools For Creating User-Generated Content For Smart Pen Applications	29-May-08	12129542	8638319	28-Jan-14
25706-14103/PCT	Self-Addressing Paper	29-May-08	PCTUS2008065117		
25706-14103/US	Self-Addressing Paper	29-May-08	12129281		
25706-14104/PCT	Electronic Annotation Of Documents With Preexisting Content	29-May-08	PCTUS2008065156		
25706-14104/US	Electronic Annotation Of Documents With Preexisting Content	29-May-08	12129583	8265382	11-Sep-12
25706-14105/PCT	Organization Of User Generated Content Captured By A Smart Pen Computing System	29-May-08	PCTUS2008065148		
25706-14105/US	Organization Of User Generated Content Captured By A Smart Pen Computing System	29-May-08	12129265	8374992	12-Feb-13
25706-14399/US	Managing Objects With Varying And Repeated Printed Positioning Information	18-Jun-08	61073737		
25706-15366/CN	Multi-Modal Controller	3-Apr-09	2009801178795		
25706-15366/EP	Multi-Modal Controller	3-Apr-09	97275093		
25706-15366/PCT	Multi-Modal Controller	3-Apr-09	PCTUS2009039474		

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25706-15366/US	Multi-Modal Controller	31-Mar-09	12415780		
25706-15367/CN	Multi-Modal Learning System	2-Apr-09	2009801178776	ZL 2009 8 0117877. 6	9-Jul-14
25706-15367/JP	Multi-Modal Learning System	2-Apr-09	2011503187		
25706-15367/KR	Multi-Modal Learning System	2-Apr-09	1020107024265		
25706-15367/PCT	Multi-Modal Learning System	2-Apr-09	PCTUS2009039366		
25706-15367/US	Multi-Modal Learning System	31-Mar-09	12415789	8944824	3-Feb-15
25706-15368/AU	Decoupled Applications For Printed Materials	2-Apr-09	2009231671	2009231671	24-Jul-14
25706-15368/CA	Decoupled Applications For Printed Materials	2-Apr-09	2720565		
25706-15368/CN	Decoupled Applications For Printed Materials	2-Apr-09	2009801178780		
25706-15368/EP	Decoupled Applications For Printed Materials	2-Apr-09	97283857		
25706-15368/JP	Decoupled Applications For Printed Materials	2-Apr-09	2011503186	5524951	18-Apr-14
25706-15368/KR	Decoupled Applications For Printed Materials	2-Apr-09	1020107024272		
25706-15368/PCT	Decoupled Applications For Printed Materials	2-Apr-09	PCTUS2009039365		
25706-15368/US	Decoupled Applications For Printed Materials	31-Mar-09	12415793	7810730	12-Oct-10
25706-15398/PCT	Grouping Variable Media Inputs To Reflect A User Session	2-Apr-09	PCTUS2009039339		
25706-15398/US	Grouping Variable Media Inputs To Reflect A User Session	31-Mar-09	12415347	8446297	21-May-13
25706-15399/PCT	Ink Tags In A Smart Pen Computing System	2-Apr-09	PCTUS2009039337		
25706-15399/US	Ink Tags In A Smart Pen Computing System	31-Mar-09	12415356		
25706-15400/PCT	Quick Record Function In A Smart Pen Computing System	2-Apr-09	PCTUS2009039331		
25706-15400/US	Quick Record Function In A Smart Pen Computing System	31-Mar-09	12415115	8446298	21-May-13
25706-15401/PCT	Removing Click And Friction Noise In A Writing Device	1-Apr-09	PCTUS2009039218		
25706-15401/US	Removing Click And Friction Noise In A Writing Device	31-Mar-09	12415187	8149227	3-Apr-12

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25706-15402/US	Audio Bookmarking	31-Mar-09	12415226		
25706-15403/PCT	Digital Bookclip	1-Apr-09	PCTUS2009039217		
25706-15403/US	Digital Bookclip	31-Mar-09	12415306		
25706-15694/EP	Managing Objects With Varying And Repeated Printed Positioning Information	18-Jun-09	97677678		
25706-15694/PCT	Managing Objects With Varying And Repeated Printed Positioning Information	18-Jun-09	PCTUS2009047855		
25706-15694/US	Managing Objects With Varying And Repeated Printed Positioning Information	17-Jun-09	12486636	8300252	30-Oct-12
25706-17354/US	Decoupled Applications for Printed Materials	7-Sep-10	12876957	8002185	23-Aug-11
25706-17736/US	Markup Language-Based Authoring And Runtime Environment For Interactive Content Platform	14-Jul-10	12836332		
25706-18854/US	Content Selection in a Pen-Based Computing System	23-May-11	61489235		
25706-20756/US	Animation Of Audio Ink	4-Apr-12	13439648	8358309	22-Jan-13
25706-21100/AU	Content Selection in a Pen-Based Computing System	23-May-12	2012258779		
25706-21100/CA	Content Selection in a Pen-Based Computing System	23-May-12	2837093		
25706-21100/CN	Content Selection in a Pen-Based Computing System	23-May-12	2012800366163		
25706-21100/EP	Content Selection in a Pen-Based Computing System	23-May-12	127896819		
25706-21100/JP	Content Selection in a Pen-Based Computing System	23-May-12	2014512080		
25706-21100/KR	Content Selection in a Pen-Based Computing System	23-May-12	1020137034024		
25706-21100/PCT	Content Selection in a Pen-Based Computing System	23-May-12	PCTUS2012039184		
25706-21100/US (T)	Content Selection in a Pen-Based Computing System	23-May-12	14119256		
25706-21100/US-ABD	Content Selection in a Pen-Based Computing System	23-May-12	13479116		
25706-21928/US	Establishing And Maintaining An	26-Oct-12	61719286		

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	Authenticated Connection Between A Smart Pen And A Computing Device				
25706-21929/US	Correlation of Written Notes To Digital Content	26-Oct-12	61719290		
25706-21930/US	Interactive Digital Workbook Using Smart Pens	26-Oct-12	61719292		
25706-21931/US	Multiple-User Collaboration With A Smart Pen System	26-Oct-12	61719298		
25706-21932/US	Digital Cursor Display Linked to Smart Pen Device	26-Oct-12	61719291		
25706-24312/PCT	Establishing And Maintaining An Authenticated Connection Between A Smart Pen And A Computing Device	24-Oct-13	PCTUS2013066587		
25706-24312/US (T)	Establishing and Maintaining an Authenticated Connection Between a Smart Pen and a Computing Device	24-Oct-13	14062552		
25706-24313/PCT	Correlation of Written Notes To Digital Content	24-Oct-13	PCTUS2013066643		
25706-24313/US (T)	Correlation of Written Notes To Digital Content	24-Oct-13	14062556		
25706-24314/PCT	Interactive Digital Workbook Using Smart Pens	24-Oct-13	PCTUS2013066685		
25706-24314/US (T)	Interactive Digital Workbook Using Smart Pens	24-Oct-13	14062636		
25706-24315/PCT	Multiple-User Collaboration With A Smart Pen System	24-Oct-13	PCTUS2013066646		
25706-24315/US (T)	Multiple-User Collaboration with a Smart Pen System	24-Oct-13	14062566		
25706-24316/PCT	Digital Cursor Display Linked to a Smart Pen	24-Oct-13	PCTUS2013066694		
25706-24316/US (T)	Digital Cursor Display Linked to a Smart Pen	24-Oct-13	14062642		
25706-24414/PCT	Organizing Written Notes Using Contextual Data	14-Oct-14	PCTUS2014060544		
25706-24414/US	Organizing Written Notes Using Contextual Data	24-Oct-13	14062652		
25706-24416/PCT	Paper Strip Presentation of Grouped Content	14-Oct-14	PCTUS2014060546		
25706-	Paper Strip Presentation of	24-Oct-	14062657		

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24416/US	Grouped Content	13			
25706-24417/PCT	Smart Zooming of Content Captured by a Smart Pen	15-Oct-14	PCTUS2014060688		
25706-24417/US	Smart Zooming of Content Captured by a Smart Pen	24-Oct-13	14062659		
25706-24418/PCT	Tagging of Written Notes Captured by a Smart Pen	20-Oct-14	PCTUS2014061420		
25706-24418/US	Tagging of Written Notes Captured by a Smart Pen	24-Oct-13	14062665		
25706-24419/US	Combined Activation Mechanism of Retractable Marker and Power Status for an Electronic Pen	25-Oct-13	61895877		
25706-24420/US	Antenna Assembly for an Electronic Pen	25-Oct-13	61895882		
25706-24421/US	Smart Pen	24-Oct-13	29470757	D704188	6-May-14
25706-25805/US (T)	Customer Authoring Tools for Creating User-Generated Content for Smart Pen Applications	23-Dec-13	14138861	8842100	23-Sep-14
25706-26194/US	Smart Pen	28-Feb-14	29483634	D709070	15-Jul-14
25706-27753/PCT	Combined Activation Mechanism of Retractable Marker and Power Status for an Electronic Pen	25-Oct-14	PCTUS2014062298		
25706-27753/US	Combined Activation Mechanism of Retractable Marker and Power Status for an Electronic Pen	25-Oct-14	14523845		
25706-27754/PCT	Antenna Assembly for an Electronic Pen	25-Oct-14	PCTUS2014062299		
25706-27754/US	Antenna Assembly for an Electronic Pen	25-Oct-14	14523846		
Silverbrook	System for interaction with computer system	6-Nov-08	12266263	8059106	15-Nov-11
Silverbrook	System for printing coded data providing interaction with computer software	13-Apr-08	12102007	8031185	4-Oct-11
Silverbrook	System for generating print data providing interaction with computer software	13-Apr-08	12102005	8009153	30-Aug-11
Silverbrook	System for software interaction using printed forms and sensing device	17-Mar-08	12050101	8009151	30-Aug-11
Silverbrook	Method of interacting with software using printed form identity	17-Mar-08	12049987	8009150	30-Aug-11
Silverbrook	Optoelectronic force sensor	19-Jan-	12690005	7974500	5-Jul-

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Silverbrook	System enabling initiation of requested action via printed substrate	10-Jul-09	12500599	7973961	5-Jul-11
Silverbrook	Force sensor with angled coupling	31-Jul-06	11495823	7928967	19-Apr-11
Silverbrook	Force sensor with dilatant fluid stop	31-Jul-06	11495820	7898532	1-Mar-11
Silverbrook	Pen with side loading cartridge	31-Jul-06	11495814	7794167	14-Sep-10
Silverbrook	Sensing device having force and orientation sensors	29-Jul-07	11829936	7786978	31-Aug-10
Silverbrook	Force sensor assembly	14-Apr-09	12422988	7770465	10-Aug-10
Silverbrook	Optical force sensor	31-Jul-06	11495822	7657128	2-Feb-10
Silverbrook	Collapsible force sensor coupling	31-Jul-06	11495821	7523672	28-Apr-09
Silverbrook	System for software interaction using printed form	17-Mar-08	12050025	7515144	7-Apr-09
Silverbrook	System for allowing interaction with computer software	9-Mar-05	11074782	7468724	23-Dec-08
Silverbrook	System for determining the rotational orientation of a sensing device	6-Jun-05	11144840	7463250	9-Dec-08
Silverbrook	Hand drawing capture via interface surface	23-May-00	9575172	7456820	25-Nov-08
Silverbrook	System for printing a form for interacting with computer software	9-Mar-05	11074800	7417629	26-Aug-08
Silverbrook	Interaction with computer software using handwritten input on a form	9-Mar-05	11074777	7382354	3-Jun-08
Silverbrook	Interface surface having printed coded data	9-Aug-04	10913340	7278566	9-Oct-07
Silverbrook	Orientation sensing device	24-Sep-04	10948253	7277085	2-Oct-07
Silverbrook	Method for sensing the orientation of an object	24-Sep-04	10948169	7245294	17-Jul-07
Silverbrook	Handwritten text capture via interface surface and processing sensor	12-Nov-02	10291538	7227527	5-Jun-07
Silverbrook	Handwritten text capture via interface surface	23-May-00	9575170	7170499	30-Jan-07
Silverbrook	Orientation sensing device	25-Nov-00	9722088	7105753	12-Sep-06
Silverbrook	Computer system for providing user interaction	15-Sep-04	10940668	7123245	17-Oct-06

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	via an interface surface				
Silverbrook	Orientation sensing device for use with coded marks	12-Nov-02	10291366	7132612	7-Nov-06
Silverbrook	Computer system control via interface surface and processing sensor	12-Nov-02	10291541	7118025	10-Oct-06
Silverbrook	System for remotely controlling an aspect of a function of apparatus	17-May-04	10846895	7096199	22-Aug-06
Silverbrook	Contact sensing device	18-Oct-04	10965751	7043096	9-May-06
Silverbrook	Orientation sensing device with processor	12-Nov-02	10291503	7041916	9-May-06
Silverbrook	Handwritten text capture via interface surface having coded marks	12-Nov-02	10291547	6982703	3-Jan-06
Silverbrook	Sensing device for sensing coded marks	12-Nov-02	10291823	6980704	27-Dec-05
Silverbrook	Sensing device	23-May-00	11075174	6870966	22-Mar-05
Silverbrook	Sensing device with processor	12-Nov-02	10291578	6795593	21-Sep-04
Silverbrook	Sensing device	25-Nov-00	9721893	6792165	14-Sep-04
Silverbrook	Sensing device with identifier	12-Nov-02	10291560	6768821	27-Jul-04
Silverbrook	Orientation sensing device with memory	12-Nov-02	10291469	6797895	28-Sep-04
Silverbrook	Computer system control via interface surface with coded marks	12-Nov-02	10291717	6786397	7-Sep-04
Silverbrook	Orientation sensing device	23-May-00	9575168	6737591	18-May-04

**Schedule B to the
IP Security Agreement**

TRADEMARKS

COUNTRY	MARK	STATUS	SERIAL # FILING DATE	REG. NO. REG. DATE	OWNER
Australia	ECHO	Registered	1381230 Sep 2, 2010	1381230 Feb 13, 2014	LiveScribe Inc.
Canada	ECHO	Registered	1494337 Sep 1, 2010	TMA860163 Sep 16, 2013	LiveScribe Inc.
Canada	LIVESCRIBE	Registered	1372282 Nov 15, 2007	TMA866046 Nov 27, 2013	LiveScribe Inc.
Canada	PAPER REPLAY	Registered	1372286 Nov 15, 2007	TMA866067 Nov 27, 2013	LiveScribe Inc.
Canada	PULSE	Abandoned	1372283 Nov 15, 2007		LiveScribe Inc.
Canada	SKY	Pending	1610299 Jan 17, 2013		LiveScribe Inc.
Chile	LIVESCRIBE	Registered	894278 Feb 4, 2010	893304 Aug 9, 2010	Sergio Gabriel Tubio Lopez
Chile	PULSE SMARTPEN	Published	894277 Feb 4, 2010		Sergio Gabriel Tubio Lopez
China	ECHO	Published	8632471 Sep 2, 2010		LiveScribe, Inc.
China	ECHO	Abandoned	8632472 Sep 2, 2010		LiveScribe, Inc.
China	LIVESCRIBE	Registered	6388139 Nov 19, 2007	6388139 Mar 28, 2010	LiveScribe Inc.

China	LIVESCRIBE	Registered	6388140 Nov 19, 2007	6388140 Mar 14, 2010	LiveScribe Inc.
China	LIVESCRIBE	Registered	6388141 Nov 19, 2007	6388141 Mar 28, 2010	LiveScribe Inc.
China	LIVESCRIBE	Registered	6788182 Jun 17, 2008	6788182 Jun 21, 2010	LiveScribe Inc.
China	LIVESCRIBE IN CHINESE CHARACTERS 	Registered	6958184 Sep 17, 2008	6958184 Jul 21, 2010	LiveScribe Inc.
China	LIVESCRIBE IN CHINESE CHARACTERS 	Registered	6958183 Sep 17, 2008	6958183 Aug 28, 2010	LiveScribe Inc.
China	LIVESCRIBE IN CHINESE CHARACTERS 	Registered	6958182 Sep 17, 2008	6958182 May 21, 2010	LiveScribe Inc.
China	LIVESCRIBE IN CHINESE CHARACTERS 	Registered	6958185 Sep 17, 2008	6958185 Jun 14, 2010	LiveScribe Inc.
China	PULSE	Abandoned	6388142 Nov 19, 2007		LiveScribe Inc.
China	PULSE	Registered	6388143 Nov 19, 2007	6388143 May 28, 2010	LiveScribe Inc.
China	PULSE	Registered	6388144 Nov 19, 2007	6388144 Dec 28, 2011	LiveScribe Inc.
China	PULSE	Registered	6788183	6788183	LiveScribe Inc.

			Jun 17, 2008	May 28, 2010	
China	PULSE IN CHINESE CHARACTERS 	Registered	6958181 Sep 17, 2008	6958181 Oct 7, 2013	LiveScribe Inc.
China	PULSE IN CHINESE CHARACTERS 	Abandoned	6958180 Sep 17, 2008		LiveScribe Inc.
China	PULSE IN CHINESE CHARACTERS 	Abandoned	6958179 Sep 17, 2008		LiveScribe Inc.
China	PULSE IN CHINESE CHARACTERS 	Abandoned	6958186 Sep 17, 2008		LiveScribe Inc.
European Union	ECHO	Registered	9349101 Sep 2, 2010	009349101 Oct 5, 2011	LiveScribe Inc.
European Union	LIVESCRIIBE	Registered	006442529 Nov 15, 2007	006442529 Oct 23, 2008	LiveScribe Inc.
European Union	PAPER REPLAY	Registered	006442867 Nov 15, 2007	006442867 Apr 9, 2009	LiveScribe Inc.
European Union	PULSE	Registered	006444475 Nov 16, 2007	006444475 Oct 23, 2008	LiveScribe Inc.
Japan	ECHO	Abandoned	693202010 Sep 2, 2010		LiveScribe Inc.
Japan	LIVESCRIIBE	Registered	2013099883 Dec 19, 2013	5752134 Mar 20, 2015	LiveScribe Inc.
Republic of Korea	ECHO	Abandoned	40201045830 Sep 2, 2010		LiveScribe Inc.

Republic of Korea	LIVESCRIBE	Registered	4520070005174 Nov 19, 2007	450026494 Feb 13, 2009	LiveScribe Inc.
Republic of Korea	PULSE	Registered	4520070005175 Nov 19, 2007	450027148 Apr 9, 2009	LiveScribe Inc.
Republic of Korea	PULSE	Abandoned	4020080042480 Sep 1, 2008		LiveScribe Inc.
United States of America	ECHO	Registered	77948780 Mar 2, 2010	4649399 Dec 12, 2014	LiveScribe Inc.
United States of America	LIVESCRIBE	Allowed	77184854 May 18, 2007		LiveScribe Inc. (026872)
United States of America	PAPER REPLAY	Abandoned	77192358 May 29, 2007		LiveScribe Inc. (026872)
United States of America	PAPER REPLAY	Abandoned	77981544 May 29, 2007		LiveScribe Inc. (026872)
United States of America	PULSE	Abandoned	77184902 May 18, 2007		LiveScribe Inc. (026872)
United States of America	SKY	Allowed	85765233 Oct 26, 2012		LiveScribe Inc. (026872)
United States of America	TURN YOUR PAPER ON	Abandoned	77184869 May 18, 2007		LiveScribe Inc. (026872)

**Schedule C to the
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