

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4991473

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	CLEARSLIDE, INC.	06/04/2018
RECEIVING PARTY DATA		
Name:	UBS AG, STAMFORD BRANCH	
Street Address:	600 WASHINGTON BOULEVARD	
City:	STAMFORD	
State/Country:	CONNECTICUT	
Postal Code:	06901	
PROPERTY NUMBERS Total: 12		
Property Type	Number	
Patent Number:	8892989	
Patent Number:	9032391	
Patent Number:	9294547	
Patent Number:	9311618	
Patent Number:	9342814	
Patent Number:	9471694	
Patent Number:	9733886	
Application Number:	13841237	
Application Number:	13844220	
Application Number:	14448620	
Application Number:	15265728	
Application Number:	15632126	
CORRESPONDENCE DATA		
Fax Number:	(212)822-5096	
<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>		
Email:	nbrowand@milbank.com	
Correspondent Name:	MILBANK, TWEED, HADLEY & MCCLOY LLP	
Address Line 1:	28 LIBERTY STREET	
Address Line 2:	ATTN: NATHANIEL T. BROWAND	
Address Line 4:	NEW YORK, NEW YORK 10005	

PATENT

ATTORNEY DOCKET NUMBER:	37199.09300
NAME OF SUBMITTER:	NATHANIEL T. BROWAND
SIGNATURE:	/Nathaniel T. Browand/
DATE SIGNED:	06/05/2018

Total Attachments: 12

source=8 Corel - Patent Security Agreement [EXECUTED]#page1.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page2.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page3.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page4.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page5.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page6.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page7.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page8.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page9.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page10.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page11.tif
source=8 Corel - Patent Security Agreement [EXECUTED]#page12.tif

GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS**June 4, 2018**

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, COREL CORPORATION, a company amalgamated under the laws of British Columbia, Canada and CLEARSLIDE, INC., a Delaware corporation (collectively, the “Grantors”), hereby grants to UBS AG, STAMFORD BRANCH, with offices at 600 Washington Boulevard, Stamford, Connecticut 06901 (the “Grantee”), a continuing security interest in (i) all of the Grantors’ right, title and interest in, to and under the United States patents and patent applications (and, for the avoidance of doubt, excluding any foreign patents and patent applications) set forth on Schedule A attached hereto (the “Patents”), (ii) any and all rights and privileges arising under applicable Law with respect to such Grantor’s use of the Patents, (iii) any and all inventions and improvements described and claimed therein, (iv) any and all reissues, divisions, continuations, renewals, extensions, reexaminations and continuations-in-part thereof, (v) all income, fees, royalties, damages, claims and payments now or hereafter due and/or payable thereunder and with respect thereto including, without limitation, damages and payments for past, present or future infringements thereof, (vi) any and all rights corresponding thereto throughout the world, and (vii) any and all rights to sue for past, present or future infringements thereof (collectively, the “Patent Collateral”).

THIS GRANT is made to secure the satisfactory performance and payment of all the Secured Obligations of the Grantors, as such term is defined in the Security Agreement by and among Grantors, Grantee, and the other Grantors (as such term is defined therein) party thereto, dated as of the date hereof (as amended, restated, amended and restated, modified and/or supplemented from time to time, the “Security Agreement”). The rights and remedies of the Grantee with respect to the security interest granted herein are as set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. This Patent Security Agreement shall terminate and the security interest in the Patent Collateral shall be released upon the payment and performance of the Secured Obligations. Upon the termination of this Patent Security Agreement, the Grantee shall, at the expense of the Grantors,

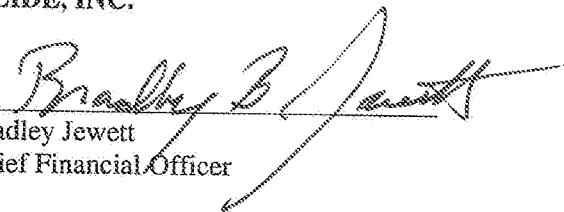
execute and deliver all documents and take all other actions reasonably requested by the Grantors to evidence the release of the security interests in the Patent Collateral granted herein. In the event that any provisions of this Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

[Signature Pages Follow]

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date first above written.


GRANTORS:


COREL CORPORATION
CLEARSLIDE, INC.

By: 
Name: Bradley Jewett
Title: Chief Financial Officer

GRANTEE:

UBS AG, STAMFORD BRANCH

By: 
Name: Craig Pearson
Title: Associate Director

By: 
Name: Darlene Arias
Title: Director

[Signature Page to Patent Security Agreement]

PATENT
REEL: 045988 FRAME: 0794

SCHEDULE A

Issued Patents

Grantor	Owner of Record	Country	Title	Application Date	Application No.	Issue Date	Patent No.
Corel Corporation	Corel Corporation	CA	Method And System For Rendering Brush Strokes With Multiple Nibs	23-Jul-98	2243816	1-Nov-05	2243816
Corel Corporation	Corel Corporation	CA	A Heuristic Method For Adaptive Subdivision Of Coons Patches For Rendering	11-Apr-00	2305061	18-Nov-08	2305061
Corel Corporation	Corel Corporation	CA	System And Method For Enabling Composition Of Rich Webmail Messages	13-Nov-01	2361821	23-Sep-08	2361821
Corel Corporation	Corel Corporation	CA	System And Method For Displaying Window Contents	21-Mar-02	2378117	9-Oct-12	2378117
Corel Corporation	Corel Corporation	CA	Dockable Drop-Down Dialogs	7-May-02	2385224	10-Feb-12	2385224
Corel Corporation	Corel Corporation	CA	System And Method For Preflighting Documents	11-Jul-02	2393196	4-Oct-05	2393196
Corel Corporation	Corel Corporation	CA	System and Method for Manipulating Multiple Clip Items of Data	18-Nov-02	2412001	27-Oct-15	2412001
Corel Corporation	Corel Corporation	CA	System And Method Of Extending Scalable Vector Graphics Capabilities	8-Dec-03	2452174	8-Jul-14	2452174
Corel Corporation	Corel Corporation	CA	System And Method For Controlling User Interface Features Of A Web Application	8-Dec-03	2452460	5-Apr-11	2452460
Corel Corporation	Corel Corporation	CA	Sketch Recognition And Enhancement	27-Aug-04	2479564	14-Jul-09	2479564
Corel Corporation	Corel Corporation	CA	Secure Transfer Of Content To Writable Media	12-Nov-04	2544605	02-Jul-13	2544605
Corel Corporation	Corel Corporation	CA	System and method for creating mark-making tools	11-Jul-03	2572494	21-May-13	2572494
Corel Corporation	Corel Corporation	CA	METHODS, SYSTEM AND MEDIUMS FOR USE IN PROTECTING CONTENT	05-Sep-07	2662203	26-Jul-16	2662203
Corel Corporation	Corel Corporation	U.S.	Method for Writing and Reading Data To and From a Compact Disc Media	3-Sep-99	09/389829	16-Dec-03	6665784
Corel Corporation	Corel Corporation	U.S.	Optical Disc Buffer Under-Run Handling Method	23-Nov-99	09/447964	4-Jun-02	6401169

Grantor	Owner of Record	Country	Title	Application Date	Application No.	Issue Date	Patent No.
Corel Corporation	Corel Corporation	U.S.	Method for Handling Buffer Under-Run During Disc Recording	23-Nov-99	09/448030	11-Jun-02	6405283
Corel Corporation	Corel Corporation	U.S.	Methods for Increasing File Storage Capacity of Optical Discs	13-Mar-00	09/524050	4-Mar-03	6530009
Corel Corporation	Corel Corporation	U.S.	Methods for Processing Data Transferred to System Memory in Preparation For Recording To An Optical Disc	30-Mar-00	09/539481	3-Jun-03	6574642
Corel Corporation	Corel Corporation	U.S.	A Heuristic Method For Adaptive Subdivision Of Coons Patches For Rendering	11-Apr-00	09/547935	22-Apr-03	6552725
Corel Corporation	Corel Corporation	U.S.	Processing method for rendering a 3-dimensional arrow object	20-Sep-00	09/665737	10-Aug-04	6774894
Corel Corporation	Corel Corporation	U.S.	Image Metering API	30-Nov-00	09/703167	19-Apr-05	6882795
Corel Corporation	Corel Corporation	U.S.	Method for adjusting the brightness and color of MPEG encoded video streams	9-Nov-00	09/711347	31-Aug-04	6785335
Corel Corporation	Corel Corporation	U.S.	Methods for Protecting Optical Disc Media	30-Nov-00	09/728734	8-Jul-03	6590845
Corel Corporation	Corel Corporation	U.S.	One-Button Triggered Image Processing Unit	28-Dec-00	09/751564	30-Mar-04	6714317
Corel Corporation	Corel Corporation	U.S.	CD Package	27-Mar-01	09/818740	14-Jan-03	6505738
Corel Corporation	Corel Corporation	U.S.	Method for smooth transition between pre-rendered mode and real-time mode	17-Aug-01	09/930970	17-Jan-06	6987515
Corel Corporation	Corel Corporation	U.S.	Implementation of Quantization for SIMD Architecture	18-Sep-01	09/937058	1-Feb-05	6850566
Corel Corporation	Corel Corporation	U.S.	Methods for Optimizing Recording Order of Data Files to Optical Media	24-Sep-11	09/962911	13-Jan-04	6678229
Corel Corporation	Corel Corporation	U.S.	Method of performing lens effect using transform mask	5-Nov-01	09/985558	26-Oct-04	6810151
Corel Corporation	Corel Corporation	U.S.	Methods for Establishing Audio Track Digital Audio Extraction Speed	26-Jun-02	10/184683	2-May-06	7038981
Corel Corporation	Corel Corporation	U.S.	Dockable Drop-Down Dialogs	22-Jul-02	10/200373	12-Mar-13	8397176
Corel Corporation	Corel Corporation	U.S.	System And Method For Preflighting Documents	13-Aug-02	10/217898	29-Dec-09	7640500

Grantor	Owner of Record	Country	Title	Application Date	Application No.	Issue Date	Patent No.
Corel Corporation	Corel Corporation	U.S.	Data Scanning System and Method thereof Combining Real-Time Scanning and Periodical Scanning Modes	10-Sep-02	10/238753	22-Apr-08	7363373
Corel Corporation	Corel Corporation	U.S.	System And Method For Manipulating Multiple Clip Items Of Data	25-Nov-02	10/303399	15-Jul-14	8782545
Corel Corporation	Corel Corporation	U.S.	Optimizing the Recording on a Rewritable Interactive Medium of Revisions to an Existing Project on That Medium	3-Apr-03	10/408027	11-Dec-03	7302453
Corel Corporation	Corel Corporation	U.S.	Method of digital creation of a multivision filter effect	2-Mar-04	10/790132	5-Jun-07	7227553
Corel Corporation	Corel Corporation	U.S.	Method for Motion Estimation	29-Apr-04	10/834006	6-Sep-05	6940907
Corel Corporation	Corel Corporation	U.S.	Sketch Recognition And Enhancement	27-Aug-04	10/929021	7-Apr-09	7515752
Corel Corporation	Corel Corporation	U.S.	Automatic Drive Selection in Optical Media Recording	16-Nov-04	10/990689	6-Jan-09	7475188
Corel Corporation	Corel Corporation	U.S.	System and method of DVD player for displaying multiple subtitles	7-Jan-05	11/030119	25-Nov-08	7457522
Corel Corporation	Corel Corporation	U.S.	Methods For Establishing Audio Track Digital Audio Extraction	23-Feb-06	11/362471	30-Oct-07	7289407
Corel Corporation	Corel Corporation	U.S.	Method and Apparatus for Selecting Media Files	2-Aug-07	11/832655	9-Apr-13	8416221
Corel Corporation	Corel Corporation	U.S.	Method for operating menu of multimedia disk	7-Aug-07	11/834695	3-May-16	9329754
Corel Corporation	Corel Corporation	U.S.	Methods, Systems and Mediums for Use In Protecting Content	4-Sep-07	11/849898	31-Dec-13	8620145
Corel Corporation	Corel Corporation	U.S.	Machine-Implemented Authoring Method for a High Definition Digital Versatile Disc, and a Computer Readable Storage Medium for Implementing the Same	17-Sep-07	11/856114	9-Apr-13	8417102

Grantor	Owner of Record	Country	Title	Application Date	Application No.	Issue Date	Patent No.
Corel Corporation	Corel Corporation	U.S.	Machine-Implemented Method for Establishing a Playback Interface, and Computer-Readable Recording Medium for Implementing the Same	11-Jan-08	12/013189	6-Aug-13	8503858
Corel Corporation	Corel Corporation	U.S.	Virtual Hard Media Imaging	13-May-09	12/464943	23-Jul-13	8493340
Corel Corporation	Corel Corporation	U.S.	Method of Content Aware Image Resizing	22-Jan-10	12/691765	9-Jul-13	8483513
Corel Corporation	Corel Corporation	U.S.	Re-Coloring a Color Image	26-Apr-11	13/094264	22-Jan-13	8358306
Corel Corporation	Corel Corporation	U.S.	Display Methods for High Dynamic Range Images and User Interfaces for the Same	15-Jan-13	13/742054	17-Oct-13	8917285
Corel Corporation	Corel Corporation	U.S.	Conversion of 2-Dimensional Data into 3-Dimensional Image Data	22-Nov-11	13/302445	26-May-15	9041773
Corel Corporation	Corel Corporation	U.S.	Controlling and Editing Media Files with Touch Gestures Over a Media Viewing Area Using a Touch Sensitive Device	15-Mar-13	13/843876	3-Oct-13	9081491
Corel Corporation	Corel Corporation	U.S.	Method and Apparatus for Selecting Media Files	9-Apr-13	13/859165	5-Sep-13	9304684
Corel Corporation	Corel Corporation	U.S.	Method of Content Aware Image Resizing	9-Jul-13	13/937098	23-Jan-14	9111364
Corel Corporation	Corel Corporation	U.S.	Methods and Apparatuses for Simulating Fluids and Media In Digital Art Applications	10-May-12	13/469041	19-Jan-16	9240063
Corel Corporation	Corel Corporation	U.S.	System and Method to Replace Comps with Assets	12-Mar-13	13/794980	18-Sep-14	9396568
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	Method For Searching Companies and People	08/26/2011	13/219444	18-Nov-14	8892989
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	System and Method for Dynamically Creating Executable Files	03/15/2013	13/841734	12-May-15	9032391

Grantor	Owner of Record	Country	Title	Application Date	Application No.	Issue Date	Patent No.
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	Mobile Device Application For Accessing A Presentation Uploaded To A Presentation Server and Presenting a Presentation Offline	03/13/2013	13/802222	22-Mar-16	9294547
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	Mixed Content Type Presentation System	04/07/2010	12/756110	12-Apr-16	9311618
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	Presentation Access Tracking System	04/07/2010	12/756145	17-May-16	9342814
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	Method and System for Brower-Based Control of a Remote Computer	05/30/2012	13/484253	18-Oct-16	9471694
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	Method and System for Browser-Based Screen Sharing	11/23/2010	12/953054	15-Aug-17	9733886
Corel Corporation	Corel Corporation	U.S.	Software Product Piracy Monetization Process	01-Aug-13	13/957419	05-Dec-17	9836730
Corel Corporation	Corel Corporation	U.S.	Virtual Hard Media Imaging	13-May-09	12/464943	23-Jul-13	8493340
Corel Corporation	Corel Corporation	U.S.	Task Hierarchy In An Event-Driven Communication System	09-Apr-10	12/757943	20-Nov-12	8316371
Corel Corporation	Corel Corporation	U.S.	System, Method, and Software Application for Enabling A User to View and Interact With a Visual Map In An External Application	10-Nov-08	12/291515	19-Jul-16	9396455
Corel Corporation	Corel Corporation	U.S.	System, Method and Software Application for Displaying Data From A Web Service In A Visual Map	01-Jun-15	14/726856	19-Jun-16	9396282
Corel Corporation	Corel Corporation	U.S.	Method And System For Rendering Brush Strokes With Multiple Nibs	27-Jul-09	09/123159	27-Feb-01	6195100
Corel Corporation	Corel Corporation	U.S.	System And Method For Providing Content-Specific Topics In A Mind Mapping System	29-Jun-06	11/478220	24-Jan-12	8103703
Corel Corporation	Corel Corporation	U.S.	System And Method For Facilitating Collaboration And Communication In A Visual Mapping System By Tracking User Presence In Individual Topics	20-Dec-07	12/004122	17-Apr-12	8161396

Grantor	Owner of Record	Country	Title	Application Date	Application No.	Issue Date	Patent No.
Corel Corporation	Corel Corporation	U.S.	System And Method For Graphically Illustrating External Data Source Information In The Form Of A Visual Hierarchy In An Electronic Workspace	01-Jul-04	10/882556	19-May-15	9038001
Corel Corporation	Corel Corporation	U.S.	System, Method, And Software Application For Displaying Data From A Web Service In A Visual Map	10-Nov-08	12/291495	02-Jun-15	9047388
Corel Corporation	Corel Corporation	U.S.	Methods And Systems For Generating Graphical Content Through Physical System Modelling	11-Aug-15	14/882966	21-Nov-17	9824464
Corel Corporation	Corel Corporation	U.S.	System And Method For Software Feature Management	14-Mar-13	13/826836	27-Mar-18	9928086
Corel Corporation	Corel Corporation	US	METHOD FOR CREATING AND TRACKING EXTERNAL SYSTEM DATA VIA A MIND MAP	23-Feb-07	11/710204	20-Apr-10	7702679

Pending Patent Applications

<u>Grantor</u>	<u>Owner of Record</u>	<u>Jurisdiction</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>
Corel Corporation	Corel Corporation	CA	2689210	21-Dec-09	Smart Control Panels
Corel Corporation	Corel Corporation	CA	2772554	19-Mar-12	Method and System for Interactive Font Feature Access
Corel Corporation	Corel Corporation	PCT	PCT/CA13/000281	28-Mar-13	Controlling and Editing Media Files with Touch Gestures Over a Media Viewing Area Using a Touch Sensitive Device
Corel Corporation	Corel Corporation	PCT	PCT/CA13/000360	19-Mar-13	Method and System for Interactive Font Feature Access
Corel Corporation	Corel Corporation	PCT	PCT/CA2015/000458	11-Aug-15	Methods and Systems for Generating Graphical Content Through Physical System Modelling
Corel Corporation	Corel Corporation	U.S.	14/386573	19-Sep-2014	Method and system for interactive font feature access
Corel Corporation	Corel Corporation	U.S.	13/794054	11-Mar-2013	Synchronized asset trays
Corel Corporation	Corel Corporation	U.S.	13/323346	12-Dec-2011	Media editing system and method with linked storyboard and timeline

<u>Grantor</u>	<u>Owner of Record</u>	<u>Jurisdiction</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>
Corel Corporation	Corel Corporation	U.S.	14/449727	1-Aug-14	System and Method for Software Piracy Monetization
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	13/841237	15-Mar-13	System and Method for Switching Control with Browser-Based Screen Sharing
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	13/844220	15-Mar-13	Mobile Device Application For Delivering Notifications For Viewers' Access To Presentations
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	14/448620	31-Jul-14	Screen Sharing Using Scripting Computer Language Code Directly Executable By Web Browser
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	15/265728	14-Sep-16	Predictive Analytics In An Automated Sales And Marketing Platform
ClearSlide, Inc.	ClearSlide, Inc.	U.S.	15/632126	23-Jun-17	Method and System for Browsing-Based Screen Sharing
ClearSlide, Inc.	ClearSlide, Inc.	CA	2837677	30-May-12	Method For Browser-Based Control of A Remote Computer
ClearSlide, Inc.	ClearSlide, Inc.	CA	2894654	11-Dec-13	Mobile Device Application For Delivering Notifications For Viewers' Access To Presentations
ClearSlide, Inc.	ClearSlide, Inc.	CA	2894659	11-Dec-13	Mobile Device Application For Accessing a Presentation Uploaded To A Presentation Server and Presenting a Presentation Offline
ClearSlide, Inc.	ClearSlide, Inc.	CA	2894662	11-Dec-13	Mobile Device Appliucation for Remotely Controlling A Presentation Accessed Via A Presentation Server
Corel Corporation	Corel Corporation	U.S.	15/664007	31-Jul-17	Methods And Systems For Generating Graphical Content Through Physical System Modelling
Corel Corporation	Corel Corporation	U.S.	13/804465	13-Mar-13	System, Method, And Computer Program For Synchronizing Task Data Between A Visual Mapping System And A Task Management System
Corel Corporation	Corel Corporation	U.S.	15/212770	18-Jul-16	System, Method, And Software Application For Displaying Data From A Web Service In A Visual Map

<u>Grantor</u>	<u>Owner of Record</u>	<u>Jurisdiction</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>
Corel Corporation	Corel Corporation	U.S.	15/212796	18-Jul-16	System, Method, And Software Application For Enabling A User To View And Interact With A Visual Map In An External Application