

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI311810

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND	03/12/2020
RECEIVING PARTY DATA	
Company Name:	FREEDOM SCIENTIFIC INC.
Street Address:	17757 US HIGHWAY 19 N, SUITE 560
City:	CLEARWATER
State/Country:	FLORIDA
Postal Code:	33764-6570
PROPERTY NUMBERS Total: 71	
Property Type	Number
Patent Number:	8869062
Patent Number:	8681268
Patent Number:	8868426
Patent Number:	8804031
Patent Number:	8862985
Patent Number:	8690576
Patent Number:	8619133
Patent Number:	8469534
Patent Number:	8854442
Patent Number:	8854441
Patent Number:	8177558
Patent Number:	8471870
Patent Number:	8473861
Patent Number:	8209607
Patent Number:	8360778
Patent Number:	8416319
Patent Number:	8264598
Patent Number:	8234593
Patent Number:	8115831
Patent Number:	8259222

Property Type	Number
Patent Number:	8639032
Patent Number:	7775797
Patent Number:	7722355
Patent Number:	7905648
Patent Number:	7834877
Patent Number:	8300067
Patent Number:	7929013
Patent Number:	7172305
Patent Number:	7172304
Patent Number:	8028240
Patent Number:	8092221
Patent Number:	8366447
Patent Number:	7083416
Patent Number:	7818664
Patent Number:	7029190
Patent Number:	7367806
Patent Number:	7410359
Patent Number:	7462034
Patent Number:	8826137
Patent Number:	6993707
Patent Number:	6902403
Patent Number:	7407335
Patent Number:	6987467
Patent Number:	7082577
Patent Number:	D728656
Patent Number:	D701894
Patent Number:	D709937
Patent Number:	D662121
Patent Number:	D664584
Patent Number:	D624107
Patent Number:	D614220
Patent Number:	9804761
Patent Number:	9583024
Patent Number:	10001900
Patent Number:	9575624
Patent Number:	9413973
Patent Number:	9263026
Patent Number:	9424759

Property Type	Number
Patent Number:	9268141
Patent Number:	9390171
Patent Number:	9626069
Patent Number:	9190018
Patent Number:	9235314
Patent Number:	9992453
Patent Number:	9818313
Patent Number:	10032389
Patent Number:	9449531
Patent Number:	9818314
Application Number:	12470952
Application Number:	12503362
Application Number:	90013048

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 2129093078
Email: susan.zablocki@kirkland.com
Correspondent Name: SUSAN ZABLOCKI
Address Line 1: Kirkland & Ellis LLP
Address Line 2: 601 Lexington Avenue
Address Line 4: New York, NEW YORK 10022

NAME OF SUBMITTER:	SUSAN ZABLOCKI
SIGNATURE:	SUSAN ZABLOCKI
DATE SIGNED:	06/20/2024

Total Attachments: 9

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

THIS RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY (this "Release") is made as of March 12, 2020 ("Effective Date") by THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND, as Collateral Agent for the Secured Parties (the "Collateral Agent"), in favor of FREEDOM SCIENTIFIC INC. (the "Grantor"). Capitalized terms not defined herein shall have the meanings ascribed to such terms in the Intellectual Property Security Agreement (as defined below).

WHEREAS, the Grantor and the Collateral Agent entered into that certain Second Lien U.S. Pledge and Security Agreement by and among the Grantor, the other grantors party thereto and the Collateral Agent, dated as of November 10, 2015 (as amended, restated, supplemented or otherwise modified from time to time, the "Pledge and Security Agreement") wherein Grantor granted to the Collateral Agent a lien on and security interest in all of its right, title and interest in and to the Collateral (as defined therein) of Grantor;

WHEREAS, pursuant to the Pledge and Security Agreement, that certain Second Lien Intellectual Property Security Agreement (the "Intellectual Property Security Agreement"), dated November 10, 2015, was entered into by the Grantor and the Collateral Agent to record the security interest with respect to the Intellectual Property Collateral (as defined in the Intellectual Property Security Agreement) of Grantor, including, without limitation, those items set forth on Schedule A hereto;

WHEREAS, the Intellectual Property Security Agreement was recorded with the United States Patent and Trademark Office on November 11, 2015, at Reel/Frame 037098/0802 with respect to patents, and at Reel/Frame 5666/0581 with respect to trademarks; and

WHEREAS, the Grantor requests a specific release of the security interests and liens granted against the Intellectual Property Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby, on behalf of itself and the Secured Parties, (i) releases and re-assigns to Grantor any and all liens, security interests, right, title and interest it may have in, to and under the Intellectual Property Collateral, together with the goodwill of the business symbolized thereby; (ii) agrees that it shall execute all other documents and do all other acts reasonably necessary and requested by Grantor in writing to relinquish and effect the release of such rights to Grantor; and (iii) authorizes and requests that the United States Patent and Trademark Office or the United States Copyright Office, as applicable, note and record the release hereby given and any other filings necessary to evidence the release and termination of the Collateral Agent's rights under the Pledge and Security Agreement with respect to the Intellectual Property Collateral.

This Release may be executed in any number of counterparts and by different parties in separate 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.

* * * * *

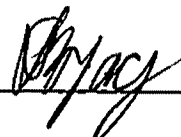
IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed, on behalf of itself and the Secured Parties, by its duly authorized representative effective as of the Effective Date.

THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND, as Collateral Agent

By: 

Name: Chris Mangan

Title: Managing Director

By: 

Name: Polina Gerasimova

Title: Vice President

[Signature Page to IP Release]

PATENT
REEL: 067798 FRAME: 0005

Schedule A

U.S. Copyright Registrations

None.

U.S. Issued Patents and Patent Applications

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	GESTURE-BASED SCREEN-MAGNIFIED TOUCHSCREEN NAVIGATION	11/27/2013 / 10/21/2014	Granted	14091753 / 8869062
Freedom Scientific Inc.	VISION ASSISTIVE DEVICES AND USER INTERFACES	3/14/2013 / 3/25/2014	Granted	13829727 / 8681268
Freedom Scientific Inc.	SCREEN READER WITH FOCUS-BASED SPEECH VERBOSITY	8/23/2012 / 10/21/2014	Granted	13592807 / 8868426
Freedom Scientific Inc.	MULTIPOSITION HANDHELD ELECTRONIC MAGNIFIER	8/13/2012 / 8/12/2014	Granted	13584204 / 8804031
Freedom Scientific Inc.	SCREEN READER WITH CUSTOMIZABLE WEB PAGE OUTPUT	6/8/2012 / 10/14/2014	Granted	13491799 / 8862985
Freedom Scientific Inc.	BRAILLE DISPLAY DEVICE AND METHOD OF CONSTRUCTING SAME	2/28/2012 / 4/8/2014	Granted	13407364 / 8690576
Freedom Scientific Inc.	DESKTOP ELECTRONIC MAGNIFIER	4/18/2011 / 12/31/2013	Granted	13088674 / 8619133
Freedom Scientific Inc.	PDT MAGNIFIER CAMERA ILLUMINATION	3/7/2011 / 6/25/2013	Granted	13041734 / 8469534
Freedom Scientific Inc.	RETAINER FOR ELECTRONIC MAGNIFICATION DEVICE	1/25/2011 / 10/7/2014	Granted	13013215 / 8854442
Freedom Scientific Inc.	ELECTRONIC MAGNIFICATION DEVICE	10/7/2010 / 10/7/2014	Granted	12900224 / 8854441
Freedom Scientific Inc.	ELECTROMECHANIC AL TACTILE BRAILLE CELL ASSEMBLY	8/13/2010 / 5/15/2012	Granted	12856253 / 8177558

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	VECTOR-BASED MAGNIFIED POINTER	7/1/2010 / 6/25/2013	Granted	12828765 / 8471870
Freedom Scientific Inc.	SYSTEM WIDE TEXT VIEWER	6/17/2010 / 6/25/2013	Granted	12817689 / 8473861
Freedom Scientific Inc.	DOCUMENT NAVIGATION METHOD	4/14/2010 / 6/26/2012	Granted	12759991 / 8209607
Freedom Scientific Inc.	BRaille CELL CAP	12/23/2009 / 1/29/2013	Granted	12645654 / 8360778
Freedom Scientific Inc.	SYSTEMS AND METHODS FOR IMAGING OBJECTS	9/21/2009 / 4/9/2013	Granted	12563814 / 8416319
Freedom Scientific Inc.	MULTIPOSITION HANDHELD ELECTRONIC MAGNIFIER	6/5/2009 / 9/11/2012	Granted	12478993 / 8264598
Freedom Scientific Inc.	SYNCHRONIZING A VISIBLE DOCUMENT AND A VIRTUAL DOCUMENT SO THAT SELECTION OF TEXT IN THE VIRTUAL DOCUMENT RESULTS IN HIGHLIGHTING OF EQUIVALENT CONTENT IN THE VISIBLE DOCUMENT	3/6/2009 / 7/31/2012	Granted	12399523 / 8234593
Freedom Scientific Inc.	PORTABLE MULTI POSITION MAGNIFIER CAMERA	9/22/2008 / 2/14/2012	Granted	12235240 / 8115831
Freedom Scientific Inc.	PORTABLE MULTI POSITION MAGNIFIER CAMERA	9/22/2008 / 9/4/2012	Granted	12235182 / 8259222
Freedom Scientific Inc.	WHITEBOARD ARCHIVING AND PRESENTATION METHOD	8/29/2008 / 1/28/2014	Granted	12201367 / 8639032
Freedom Scientific Inc.	ELECTROMECHANIC AL TACTILE BRAILLE CELL ASSEMBLY	8/11/2008 / 8/17/2010	Granted	12189449 / 7775797
Freedom Scientific Inc.	BRaille CELL CAP	5/5/2008 / 5/25/2010	Granted	12115302 / 7722355
Freedom Scientific Inc.	PDT MAGNIFIER CAMERA ILLUMINATION	3/21/2007 / 3/15/2011	Granted	11689019 / 7905648

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	SYSTEM-WIDE CONTENT-SENSITIVE TEXT STYLIZATION AND REPLACEMENT	2/12/2007 / 11/16/2010	Granted	11673678 / 7834877
Freedom Scientific Inc.	DISTANCE CAMERA HAVING A MEMORY MODULE	11/16/2006 / 10/30/2012	Granted	11560670 / 8300067
Freedom Scientific Inc.	DESKTOP ELECTRONIC MAGNIFIER	4/19/2006 / 4/19/2011	Granted	11379327 / 7929013
Freedom Scientific Inc.	MAGNIFIER HAVING SLIDEABLY MOUNTED CAMERA	3/15/2006 / 2/6/2007	Granted	11308298 / 7172305
Freedom Scientific Inc.	ILLUMINATOR HAVING FORWARD LIGHTING	3/2/2006 / 2/6/2007	Granted	11307999 / 7172304
Freedom Scientific Inc.	CUSTOM LABELER FOR SCREEN READERS	12/14/2005 / 9/27/2011	Granted	11306013 / 8028240
Freedom Scientific Inc.	SCREEN READER LIST VIEW PRESENTATION METHOD	11/14/2005 / 1/10/2012	Granted	11164192 / 8092221
Freedom Scientific Inc.	READING ALERTS AND SKIM-READING SYSTEM	10/12/2005/ 2/5/2013	Granted	11163267 / 8366447
Freedom Scientific Inc.	CONTAMINANT- TOLERANT BRAILLE PINS	6/2/2005 / 8/1/2006	Granted	10908960 / 7083416
Freedom Scientific Inc.	MULTIMODAL XML DELIVERY SYSTEM AND METHOD	3/16/2005 / 10/19/2010	Granted	10907015 / 7818664
Freedom Scientific Inc.	BRAILLE INPUT DEVICE	9/20/2004 / 4/18/2006	Granted	10711459 / 7029190
Freedom Scientific Inc.	BRAILLE CELL CAP	9/17/2004 / 5/6/2008	Granted	10711427 / 7367806
Freedom Scientific Inc.	ELECTROMECHANIC AL TACTILE CELL ASSEMBLY	9/17/2004 / 8/12/2008	Granted	10711423 / 7410359
Freedom Scientific Inc.	BRAILLE DISPLAY ASSEMBLY	9/17/2004 / 12/9/2008	Granted	10711422 / 7462034

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	SCREEN READER HAVING CONCURRENT COMMUNICATION OF NON-TEXTUAL INFORMATION	8/12/2004 / 9/2/2014	Granted	10710910 / 8826137
Freedom Scientific Inc.	DOCUMENT PLACEMARKER	8/6/2004 / 1/31/2006	Granted	10710849 / 6993707
Freedom Scientific Inc.	CONTAMINANT- TOLERANT BRAILLE PINS	8/4/2004 / 6/7/2005	Granted	10710808 / 6902403
Freedom Scientific Inc.	BRAILLE DISPLAY FOR USE WITH A NOTETAKER AND WITH PERSONAL COMPUTERS FOR BLIND AND LOW VISION USERS	8/1/2003 / 8/5/2008	Granted	10632262 / 7407335
Freedom Scientific Inc.	NAVIGATION AID FOR REFRESHABLE BRAILLE DISPLAY AND OTHER TEXT PRODUCTS FOR THE VISION IMPAIRED	7/31/2002 / 1/17/2006	Granted	10209233 / 6987467
Freedom Scientific Inc.	METHOD FOR DISPLAYING AN INTERNET WEB PAGE WITH AN AREA OF FOCUS	4/23/2002 / 7/25/2006	Granted	10127864 / 7082577
Freedom Scientific Inc.	VIDEO MAGNIFIER CAMERA WITH HANDLE	1/29/2014 / 5/5/2015	Granted Design	29480793 / D728656
Freedom Scientific Inc.	VISION ASSISTIVE DEVICE	3/14/2013 / 4/1/2014	Granted Design	29449236 / D701894
Freedom Scientific Inc.	MULTI POSITION MAGNIFIER CAMERA	1/4/2013 / 7/29/2014	Granted Design	29441459 / D709937
Freedom Scientific Inc.	PORTABLE MAGNIFIER CAMERA	3/7/2011 / 6/19/2012	Granted Design	29386933 / D662121
Freedom Scientific Inc.	DESKTOP ELECTRONIC MAGNIFIER	10/7/2010 / 7/31/2012	Granted Design	29376481 / D664584
Freedom Scientific Inc.	HAND HELD MULTI POSITION MAGNIFIER CAMERA	6/5/2009 / 9/21/2010	Granted Design	29338154 / D624107

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	PORTABLE MULTI POSITION MAGNIFIER CAMERA	9/22/2008 / 4/20/2010	Granted Design	29324855 / D614220
Freedom Scientific Inc.	GESTURE-BASED TOUCH SCREEN MAGNIFICATION	9/11/2014 / 10/31/2017	Granted	14483614 / 9804761
Freedom Scientific Inc.	ELECTRONIC MAGNIFICATION DEVICE	9/9/2014 / 2/28/2017	Granted	14481073 / 9583024
Freedom Scientific Inc.	SCREEN READER WITH CUSTOMIZABLE WEB PAGE OUTPUT	9/9/2014 / 6/19/2018	Granted	14481180 / 10001900
Freedom Scientific Inc.	SCREEN READER WITH FOCUS-BASED SPEECH VERBOSITY	9/9/2014 / 2/21/2017	Granted	14481225 / 9575624
Freedom Scientific Inc.	MULTIPOSITION HANDHELD ELECTRONIC MAGNIFIER	8/11/2014 / 8/9/2016	Granted	14456799 / 9413973
Freedom Scientific Inc.	SCREEN READER HAVING CONCURRENT COMMUNICATION OF NON-TEXTUAL INFORMATION	7/11/2014 / 2/16/2016	Granted	14329543 / 9263026
Freedom Scientific Inc.	BRILLE DISPLAY DEVICE AND METHOD OF CONSTRUCTING SAME	3/3/2014 / 8/23/2016	Granted	14195428 / 9424759
Freedom Scientific Inc.	DESKTOP ELECTRONIC MAGNIFIER	12/30/2013 / 2/23/2016	Granted	14143240 / 9268141
Freedom Scientific Inc.	SEGMENTING AND PLAYBACK OF WHITEBOARD VIDEO CAPTURE	12/20/2013 / 7/12/2016	Granted	14137010 / 9390171
Freedom Scientific Inc.	VIEW LOCKING MULTI- MONITOR SCREEN MAGNIFIER	7/26/2013 / 4/18/2017	Granted	13952383 / 9626069
Freedom Scientific Inc.	VECTOR-BASED CUSTOMIZABLE POINTING INDICIA	5/31/2013 / 11/17/2015	Granted	13907282 / 9190018

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	MAGNIFICATION INTERFACE WITH INDEPENDENT POINTER SIZING	2/25/2013 / 1/12/2016	Granted	13775811 / 9235314
Freedom Scientific Inc.	MULTIPOSITION MAGNIFIER CAMERA	1/4/2013 / 6/5/2018	Granted	13734672 / 9992453
Freedom Scientific Inc.	DOCUMENT NAVIGATION METHOD	5/14/2012	Abandoned	12470952 / 20120226501
Freedom Scientific Inc.	BI-DIRECTIONAL TEXT CONTRACTION AND EXPANSION	7/15/2009	Abandoned	12503362 / 20110016389
Freedom Scientific Inc.	CUSTOM SUMMARY VIEWS FOR SCREEN READER	1/16/2007 / 11/14/2017	Granted	11623529 / 9818313
Freedom Scientific Inc.	VIDEO MAGNIFIER CAMERA WITH HANDLE	1/28/2015 / 7/24/2018	Granted	14607197 / 10032389
Freedom Scientific Inc.	DESKTOP ELECTRONIC MAGNIFIER	10/31/2013 / N/A	Re-Exam- ination Certificate Issued	90013048 / N/A
Freedom Scientific Inc.	VISION ASSISTIVE DEVICES AND USER INTERFACES	5/29/2014 / 9/20/2016	Granted	14169736 / 9449531
Freedom Scientific Inc.	LIGHTING ARRANGEMENT FOR MAGNIFICATION DEVICE	4/2/2015 11/14/2017	Granted	14507555 / 9818314

U.S. Trademark Registrations and Trademark Applications

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	FSINSPECTION	12/9/2014 / 11/10/2015	Registered	86475317 / 4849513
Freedom Scientific Inc.	FSINSPECTION	12/8/2014 / 11/10/2015	Registered	86473556 / 4849503
Freedom Scientific Inc.	ABISEE	10/29/2014 / 7/7/2015	Registered	86439142 / 4768077
Freedom Scientific Inc.	EYE-PAL SOLO	5/31/2014 / 8/25/2015	Registered	86297058 / 4797883
Freedom Scientific Inc.	PKMAG	8/27/2013 / 6/3/2014	Registered	86048954 / 4545250

<u>Grantor</u>	<u>Title</u>	<u>Filing Date / Issue Date</u>	<u>Status</u>	<u>Application / Reg. No.</u>
Freedom Scientific Inc.	HDMAG	6/7/2013 / 7/29/2014	Registered	85953970 / 4577228
Freedom Scientific Inc.	MAGIC	9/26/2011 / 5/22/2012	Registered	85431771 / 4146347
Freedom Scientific Inc.	TALKINGCCTV	3/14/2011 / 2/7/2012	Registered supple- mental registered	85266807 / 4097334
Freedom Scientific Inc.	GEM	3/1/2011 / 11/15/2011	Registered	85254403 / 4057683
Freedom Scientific Inc.	BRAILLEIN	10/22/2010 / 2/28/2012	Registered	85159023 / 4106488
Freedom Scientific Inc.	EYE-PAL	3/1/2010 / 4/26/2011	Registered	77947865 / 3949899
Freedom Scientific Inc.	PEARL	1/5/2010 / 10/5/2010	Registered	77904899 / 3858289
Freedom Scientific Inc.	OPENBOOK	9/4/2008 / 4/28/2009	Registered	77562304 / 3611706
Freedom Scientific Inc.	EYEMERGE	6/18/2007 / 10/14/2008	Registered	77208820 / 3517470
Freedom Scientific Inc.	ONYX	4/19/2007 / 3/31/2009	Registered	77160386 / 3599121
Freedom Scientific Inc.	MAGIC	10/28/2005 / 9/12/2006	Registered	78742265 / 3142224
Freedom Scientific Inc.	ZOOM-EX	4/26/2005 / 4/18/2006	Registered	78616872 / 3082426
Freedom Scientific Inc.	SCANTALKER	9/8/2003 / 12/6/2005	Registered	78297252 / 3024437
Freedom Scientific Inc.	TESTTALKER	5/22/2002/ 11/25/2003	Registered	78130374 / 2787622
Freedom Scientific Inc.	WHIZ WHEELS	7/25/2001 / 1/28/2003	Renewed Registered	78075636 / 2681934
Freedom Scientific Inc.	FREEDOM SCIENTIFIC	4/25/2000 / 12/18/2001	Renewed Registered	78005468 / 2520226
Freedom Scientific Inc.	EVER SIGNAL	2/12/2002 / 5/13/2003	Registered	76370514 / 2715334
Freedom Scientific Inc.	SMART NAVIGATION	09/21/2015 / 05/02/2017	Registered	86762626 / 5196393
Freedom Scientific Inc.	VERSAMAG	02/12/2015 / 04/12/2016	Registered	86533232 / 4938093