PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3331106

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
K-NFB READING TECHNOLOGY, INC.	03/02/2015

RECEIVING PARTY DATA

Name:	KNFB READER, LLC	
Street Address:	Address: 200 EAST WELLS STREET (AT JERNIGAN PLACE)	
City:	BALTIMORE	
State/Country:	tate/Country: MARYLAND	
Postal Code:	21230	

PROPERTY NUMBERS Total: 30

Property Type	Number
Patent Number:	7325735
Patent Number:	7505056
Patent Number:	7627142
Patent Number:	7629989
Patent Number:	7641108
Patent Number:	7659915
Patent Number:	7840033
Patent Number:	7949245
Patent Number:	8036895
Patent Number:	8150107
Patent Number:	8154771
Patent Number:	8160880
Patent Number:	8186581
Patent Number:	8249309
Patent Number:	8284999
Patent Number:	8320708
Patent Number:	8531494
Patent Number:	8554464
Patent Number:	8626512
Patent Number:	8711188

PATENT REEL: 035522 FRAME: 0289

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Property Type	Number
Patent Number:	8873890
Application Number:	12051945
Application Number:	12820726
Application Number:	13442967
Application Number:	14048215
Application Number:	11097447
Application Number:	11097959
Application Number:	14524041
Application Number:	14524092
Application Number:	14526886

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.

Email: PATENTS@WTPLAW.COM

Correspondent Name: WHITEFORD, TAYLOR & PRESTON, LLP

Address Line 1: SEVEN SAINT PAUL STREET

Address Line 4: BALTIMORE, MARYLAND 21202-1626

ATTORNEY DOCKET NUMBER:	082417.00006
NAME OF SUBMITTER: GREGORY M. STONE	
SIGNATURE: /gms/	
DATE SIGNED:	04/29/2015

Total Attachments: 5

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> PATENT REEL: 035522 FRAME: 0290

ASSIGNMENT OF PATENTS

THIS ASSIGNMENT OF PATENTS ("Assignment") is made this 2nd day of March, 2015 (the "Effective Date"), by and between K-NFB Reading Technology, Inc., a Delaware corporation ("Assignor"), and KNFB Reader, LLC, a Maryland limited liability company having a place of business at 200 East Wells Street (at Jernigan Place), Baltimore, MD 21230 ("Assignee"), in connection with that certain Omnibus Agreement dated the Effective Date by and among the Assignor, the Assignee and certain third parties (the "Omnibus Agreement").

WHEREAS, the Assignor owns the entire worldwide right, title and interest in and to any and all inventions, discoveries and applications which are disclosed in the United States Letters Patents and applications for United States Letters Patents, and all foreign applications that are set forth on Exhibit 1 attached hereto (the "Patents"), incorporated herein and made a part hereof; and

WHEREAS, pursuant to the Omnibus Agreement, the Assignor is obligated to transfer to the Assignee the Patents set forth on Exhibit 1 attached hereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, the Assignor agrees to and hereby does assign, convey and transfer to the Assignee: (1) the entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the Patents, including any renewals, revivals, reissues, reexamination certificates, extensions, continuations, continuations-in-part and divisionals thereof and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of the Assignee, its designee, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexamination certificates and extensions thereof, and any patents of confirmation, registration and importation of the same; (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation, all rights of priority in any country of the world, in and to the inventions, discoveries and applications referred to herein; and (5) in connection with the foregoing, the Assignor agrees to and hereby does assign, convey and transfer to the Assignee all income, royalties, damages and payments now or hereafter due or payable in respect of the Patents and all causes of action (either in law or equity) and all settlements relating thereto, and the right to sue, counterclaim and recover for past, present and future infringement, misappropriation and/or dilution of the rights assigned to the Assignee hereunder, and all other rights corresponding thereto throughout the world; and

ASSIGNOR HEREBY FURTHER AGREES that the Assignor authorizes and requests the competent authorities to grant and to issue any and all such Patents in the United States and throughout the world to the Assignee, as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment, sale and transfer not been made.

Assignor hereby further agrees that the Assignor, at any time, upon the reasonable request of the Assignee, shall execute and deliver to the Assignee any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Patents issuing on said inventions, discoveries, or applications and divisionals, continuations, continuations-in-part, renewals, revivals, reissues, reexamination certificates and extensions thereof.

Assignor hereby further agrees that the Assignor, at any time, shall execute and deliver upon request of the Assignee such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do all necessary acts to give full effect to and to perfect the rights of the Assignee under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

Assignor covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment other than an attorney lien to Fish & Richardson.

Assignor further covenants that, upon request of Assignee, Assignor will promptly provide Assignee with all pertinent facts and documents relating to said invention and said Patents and legal equivalents as may be known and accessible to Assignor and will testify as to the same in any interference, inter partes review, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Assignor hereby authorizes and requests the respective Patent Offices to record the Assignee as the owner of the Patents and to grant any and all patents, applications and divisionals, continuations, continuations-in-part, renewals, revivals, reissues and reexamination certificates arising from the Patents to the Assignee.

[NEXT PAGE IS SIGNATURE PAGE]

IN WITNESS WHEREOF, Assignor has executed this Patent Assignment as of the Effective Date. ASSIGNOR: K-NFB READING TECHNOLOGY, INC. By: ______ By: Title: STATE OF _______, COUNTY OF _______, TO WIT: On this ___ day of _______, 2015, before me appeared _____ , being duly authorized, who signed this Assignment on behalf of K-NFB Reading Technology, Inc. NOTARY PUBLIC My Commission Expires: ____ ASSIGNEE: KNFB READER, LLC By: The National Federation of the Blind, Sole Member Mon Wanse By: Name: Marc Maurer Title: Immediate Past President STATE OF Marylond, country of Raltimore, to wit: On this 5th day of March, 2015, before me appeared Marc Maurer, being duly authorized, who signed this Assignment on behalf of KNFB READER, LLC My Commission Expires: 10/23/17

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IN WITNESS WHEREOF, Assignor has executed this Patent Assignment as of the Effective Date.

	ASSIGNOR: K-NFB READINING.	IG TECHNOLOGY,
	By: Maha Marie Brices Title: 60	
On this day of	SUB, COUNTY OF M ddleSe Onl , 2015, before me appeared/ ed, who signed this Assignment on behalf of	nichael analo
Technology, Inc.	Ru Conel	SEUCINDAM. JANSEI Notary Public COMMONWEALTH OF MASSACHUSET My Commission Expires March 5, 2021
	ASSIGNEE: KNFB READER, L By: The National Federation of th	
	By: Name: Marc Maurer Title: Immediate Past President	
STATE OF	, COUNTY OF	, TO WIT:
	, 2015, before me appeared _ ed, who signed this Assignment on behalf of	
	NOTARY PUBLIC My Commission Exp	ires:

EXHIBIT 1 to Assignment of Patents

	Application No.	Patent/ Publication Number	Issue / Publication Date	Title
1	11/096,711	7325735	2/5/2008	Directed reading mode for portable reading machine
2	11/097,944	7505056	3/17/2009	Mode processing in portable reading machine
3	11/096,712	7627142	12/1/2009	Gesture processing with low resolution images with high resolution processing for optical character recognition for a reading machine
4	11/097,448	7629989	12/8/2009	Reducing processing latency in optical character recognition for portable reading machine
5	11/096,714	7641108	1/5/2010	Device and method to assist user in conducting a transaction with a machine
6	11/097,956	7659915	2/9/2010	Portable reading device with mode processing
7	11/097,094	7840033	11/23/2010	Text stitching from multiple images
8	11/689,569	7949245	5/24/2011	Reading machine with camera polarizer layers
9	11/097,958	8036895	10/11/2011	Cooperative processing for portable reading machine
10	12/618,858	8150107	4/3/2012	Gesture processing with low resolution images with high resolution processing for optical character recognition for a reading machine
11	12/021,925	8154771	4/10/2012	Training a user on an accessibility device
12	12/110,669	8160880	4/17/2012	Generalized object recognition for portable reading machine
13	12/652,104	8186581	5/29/2012	Device and method to assist user in conducting a transaction with a machine
14	11/096,703	8249309	8/21/2012	Image evaluation for reading mode in a reading machine
15	12/951,254	8284999	10/9/2012	Text stitching from multiple images
16	11/097,978	8320708	11/27/2012	Tilt adjustment for optical character recognition in portable reading machine
17	12/632,949	8531494	9/10/2013	Reducing processing latency in optical character recognition for portable reading machine
18	12/433,846	8554464	10/8/2013	Navigation using portable reading machine
19	13/270,363	8626512	1/7/2014	Cooperative processing for portable reading machine
20	12/702,915	8711188	4/29/2014	Portable reading device with mode processing
21	11/097,986	8873890	10/28/2014	Image resizing for optical character recognition in portable reading machine
22	12/051,945	20090237660	9/24/2009	Reading Machine With Camera Polarizer Layers
23	12/820,726	20100331043	12/30/2010	Document And Image Processing
24	13/442,967	20130266206	10/10/2013	Training A User On An Accessibility Device
25	14/048,215	20140037149	2/6/2014	Navigation Using Portable Reading Machine
26	11/097,447	20060015342	01/19/2006	Document mode processing for portable reading machine enabling document navigation
27	11/097,959	20060020486	01/26/2006	Machine and method to assist user in selecting clothing
28	14/524,041	Unpublished	N/A	Machine and method to assist user in selecting clothing
29	14/524,092	Unpublished	N/A	Mobile Reader
30	14/526,886	Unpublished	N/A	Document mode processing for portable reading machine enabling document navigation

RECORDED: 04/29/2015