# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7107932

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KNFB READER, LLC	12/30/2021

### **RECEIVING PARTY DATA**

Name:	THE NATIONAL FEDERATION OF THE BLIND
Street Address:	200 E. WELLS STREET
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21230

## **PROPERTY NUMBERS Total: 25**

Property Type	Number
Patent Number:	8249309
Patent Number:	7325735
Patent Number:	7627142
Patent Number:	8150107
Patent Number:	7641108
Patent Number:	8186581
Patent Number:	7840033
Patent Number:	8284999
Patent Number:	9236043
Patent Number:	10741167
Patent Number:	7629989
Patent Number:	8531494
Patent Number:	7505056
Patent Number:	7659915
Patent Number:	8711188
Patent Number:	8036895
Patent Number:	8626512
Patent Number:	8320708
Patent Number:	8873890
Patent Number:	9626000

PATENT REEL: 058577 FRAME: 0914

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Property Type	Number
Patent Number:	8154771
Patent Number:	9959476
Patent Number:	8160880
Patent Number:	8554464
Patent Number:	9619688

#### CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	094209.00001
NAME OF SUBMITTER:	J. HINDAH WEISSBROT
SIGNATURE:	/j. hindah weissbrot/
DATE SIGNED:	01/06/2022

#### **Total Attachments: 3**

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#### **ASSIGNMENT**

WHEREAS, KNFB Reader, LLC, (hereinafter "ASSIGNOR") a Maryland Limited Liability Company, having a principal place of business at 200 E. Wells Street, Baltimore, Maryland 21230, owns the Inventions, patent applications, and patents, set forth in Exhibit A:

WHEREAS, The National Federation of the Blind, a Washington, D.C. Corporation having a place of business at 200 E. Wells Street, Baltimore, Maryland 21230 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the Inventions, the Applications, and to any letters patent in regard to the Inventions listed that may be granted therefor in all countries throughout the world;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) or equivalent and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNOR hereby sells, transfers, assigns, and sets over to the ASSIGNEE, and to its successors, assigns, and legal representatives, the entire right, title and interest in and to the Inventions and the Applications, for the entire world, including (without limitation) the United States and all foreign countries, and to all Letters Patent, non-provisional applications, divisions, continuations, continuations-in-part, substitutions, reissues, reexaminations, and extensions to be obtained therefor, and in and to all rights of priority resulting from the filing of the Applications, together with the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with, any and all past, present or future infringement of the Inventions. The ASSIGNOR agrees to cooperate with the ASSIGNEE in obtaining and sustaining any or all Letters Patent, but at the expense of the ASSIGNEE. The Commissioner of Patents is hereby authorized and requested to issue any and all Letters Patent solely, in accordance with this Assignment, to the ASSIGNEE, its successors, legal representatives and assigns as the ASSIGNEE of the entire rights, title and interest therein.

The ASSIGNOR further agrees to communicate to the ASSIGNEE or its representatives any facts known to the ASSIGNOR respecting the Inventions, and at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all division, continuation, continuation-in-part, substitution, reissue, reexamination, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths and generally to do everything necessary or desirable to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Inventions in the United States and in any and all foreign countries.

IN WITNESS WHEREOF, the ASSIGNOR has executed this Assignment as an instrument under seal on the date written below.

December 30, 2021	That I Buc		
Date	Mark A. Riccobono		
	Managing Director, KNFB Reader, LLC		

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# EXHIBIT A

Title	Application Number	Filing Date	Patent Number	Issue Date
IMAGE EVALUATION FOR READING MODE IN A READING MACHINE	11/096,703	01-Apr-2005	8,249,309	21-Aug- 2012
DIRECTED READING MODE FOR PORTABLE READING MACHINE	11/096,711	01-Apr-2005	7,325,735	05-Feb-2008
GESTURE PROCESSING WITH LOW RESOLUTION IMAGES WITH HIGH RESOLUTION PROCESSING FOR OPTICAL CHARACTER RECOGNITION FOR A READING MACHINE	11/096,712	01-Apr-2005	7,627,142	01-Dec- 2009
GESTURE PROCESSING WITH LOW RESOLUTION IMAGES WITH HIGH RESOLUTION PROCESSING FOR OPTICAL CHARACTER RECOGNITION FOR A READING MACHINE	12/618,858	16-Nov-2009	8,150,107	03-Apr-2012
DEVICE AND METHOD TO ASSIST USER IN CONDUCTING A TRANSACTION WITH A MACHINE	11/096,714	01-Apr-2005	7,641,108	05-Jan-2010
DEVICE AND METHOD TO ASSIST USER IN CONDUCTING A TRANSACTION WITH A MACHINE	12/652,104	05-Jan-2010	8,186,581	29-May- 2012
TEXT STITCHING FROM MULTIPLE IMAGES	11/097,094	01-Apr-2005	7,840,033	23-Nov- 2010
TEXT STITCHING FROM MULTIPLE IMAGES	12/951,254	22-Nov-2010	8,284,999	09-Oct-2012
DOCUMENT MODE PROCESSING FOR PORTABLE READING MACHINE ENABLING DOCUMENT NAVIGATION	11/097,447	01-Apr-2005	9,236,043	12-Jan-2016
DOCUMENT MODE PROCESSING FOR PORTABLE READING MACHINE ENABLING DOCUMENT NAVIGATION	16/432,699	05-Jun-2019	10,741,167	11-Aug- 2020
REDUCING PROCESSING LATENCY IN OPTICAL CHARACTER RECOGNITION FOR PORTABLE READING MACHINE	11/097,448	01-Apr-2005	7,629,989	08-Dec- 2009
REDUCING PROCESSING LATENCY IN OPTICAL CHARACTER RECOGNITION FOR	12/632,949	08-Dec-2009	8,531,494	10-Sep-2013

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PORTABLE READING MACHINE				
MODE PROCESSING IN PORTABLE	11/097,944	01-Apr-2005	7,505,056	17-Mar-
READING MACHINE				2009
PORTABLE READING DEVICE	11/097,956	01-Apr-2005	7,659,915	09-Feb-2010
WITH MODE PROCESSING				
PORTABLE READING DEVICE	12/702,915	09-Feb-2010	8,711,188	29-Apr-2014
WITH MODE PROCESSING				
COOPERATIVE PROCESSING FOR	11/097,958	01-Apr-2005	8,036,895	11-Oct-2011
PORTABLE READING MACHINE				
COOPERATIVE PROCESSING FOR	13/270,363	11-Oct-2011	8,626,512	07-Jan-2014
PORTABLE READING MACHINE				
TILT ADJUSTMENT FOR OPTICAL	11/097,978	01-Apr-2005	8,320,708	27-Nov-
CHARACTER RECOGNITION IN				2012
PORTABLE READING MACHINE				
IMAGE RESIZING FOR OPTICAL	11/097,986	01-Apr-2005	8,873,890	28-Oct-2014
CHARACTER RECOGNITION IN				
PORTABLE READING MACHINE				
IMAGE RESIZING FOR OPTICAL	14/524,092	27-Oct-2014	9,626,000	18-Apr-2017
CHARACTER RECOGNITION IN				
PORTABLE READING MACHINE				
TRAINING A USER ON AN	12/021,925	29-Jan-2008	8,154,771	10-Apr-2012
ACCESSIBLITY DEVICE				
READING MACHINE WITH	12/051,945	20-Mar-2008	9,959,476	01-May-
CAMERA POLARIZER LAYERS				2018
GENERALIZED OBJECT	12/110,669	28-Apr-2008	8,160,880	17-Apr-2012
RECOGNITION FOR PORTABLE				
READING MACHINE				
NAVIGATION USING PORTABLE	12/433,846	30-Apr-2009	8,554,464	08-Oct-2013
READING MACHINE				
NAVIGATION USING PORTABLE	14/048,215	08-Oct-2013	9,619,688	11-Apr-2017
READING MACHINE				

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RECORDED: 01/06/2022