PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5884483

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PERSONIFY, INC.	05/22/2019

RECEIVING PARTY DATA

Name:	HONGFUJIN PRECISION INDUSTRY (WUHAN) CO. LTD.
Street Address:	8801 FALLBROOK DRIVE
Internal Address:	C/O LITING CAI
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77064

PROPERTY NUMBERS Total: 22

Property Type	Number
Patent Number:	9628722
Application Number:	15489721
Patent Number:	8818028
Patent Number:	9053573
Patent Number:	9008457
Patent Number:	9300946
Patent Number:	9055186
Patent Number:	9774548
Patent Number:	9386303
Application Number:	15202478
Patent Number:	9414016
Application Number:	15231296
Patent Number:	9942481
Patent Number:	9671931
Patent Number:	9607397
Patent Number:	9563962
Patent Number:	9953223
Patent Number:	9916668
Application Number:	14721428

Property Type	Number
Patent Number:	9883155
Patent Number:	9881207
Patent Number:	9485433

CORRESPONDENCE DATA

Fax Number:	(312)920-6596

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.

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Correspondent Name:	CHRISTOPHER J. VERSTRATE, MCGUIREWOODS LLP
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NAME OF SUBMITTER:	CHRISTOPHER J. VERSTRATE
SIGNATURE:	/cjv/
DATE SIGNED:	12/26/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6
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PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT (hereinafter "Assignment") made effective May 22, 2019 (the "Effective Date"), is by and between Personify, Inc., a Delaware corporation ("Assignor"), with its registered office located at 2711 Centerville Road, Suite 400, Wilmington, DE 19808, and Hongfujin Precision Industry (Wuhan) Co. Ltd. ("Assignee"), a company organized under the laws of the People's Republic of China. Assignor and Assignee are collectively referred to herein as the "Parties."

WHEREAS, Assignor owns the entire rights, title and interest in and to certain patents and patent applications (hereinafter referred to collectively as "Patents"), including those patents and patent applications listed on the attached Schedule 1;

WHEREAS, in connection with that certain Stock and Asset Purchase Agreement dated as of the date hereof (the "Purchase Agreement"), between Assignor and Assignee, Assignor has agreed to assign to Assignee the entire right, title and interest in and to the Patents; and

WHEREAS, Assignee desires to obtain the entire right, title and interest in and to said Patents, all on the terms and conditions set forth in this Assignment.

NOW, THEREFORE, in consideration for the foregoing premises, and for good and valuable consideration set forth herein and in the Purchase Agreement, the receipt and adequacy of which are hereby acknowledged, the Parties agree as follows:

1. Assignment. Assignor does hereby sell, assign, transfer, and set over to Assignee, and its lawful successors and assigns, Seller's entire right, title, and interest throughout the world in and to the Patents, together with all rights to the inventions described or claimed therein, and all divisions, continuations and continuations-in-part thereof, all upgrades, derivatives, additions, modifications, enhancements, improvements and derivative works thereof and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority therefrom, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues, thereof and Seller hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for any invention disclosed and claimed in any Patent to Assignee, its successors and assigns, in accordance with the terms of this Assignment.

2. Assignor further assigns to Assignee all rights to sue and recover for any past, present or future actions, causes of action and rights to recover damages or payments (including lost profits), for infringement or misappropriations of any Patent, as well as the right to take over and continue any and all existing suits related to any Patent.

3. Further Assurances. Assignor agrees to execute all papers and to perform such other proper acts as said Assignee may deem necessary to secure to Assignee or to its designee the rights herein assigned, including, but not limited to, executing and delivering to Assignee all such further instruments, assignments, assurances and other documents as Assignee may

reasonably request or as may be necessary to more fully assign and convey to and vest in Assignee all rights herein assigned.

4.   This Assignment is subject to the terms and conditions of the Purchase Agreement, and this Assignment will not be deemed to limit, enlarge or extinguish any obligation of Assignor or Assignee under the Purchase Agreement, all of which obligations will survive the delivery of this Assignment in accordance with the terms of the Purchase Agreement.

5.   Execution in Counterparts. For the convenience of the parties, this Agreement may be executed in one or more counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument. Facsimile or electronically transmitted signatures to this Agreement shall be as valid and binding as a signed original.

[Signature Page Follows]

IN WITNESS WHEREOF, the Parties have executed and delivered this Assignment by their duly authorized representatives as of the Effective Date.

SELLER:

Personify, Inc.

By: _Sanjay Patel_

Title:　CEO and President

BUYER:

Hongfujin Precision Industry (Wuhan) Co. Ltd.

By: _____

Title:　　Vice President SSBU

SCHEDULE 1

See Attached

Title	Category	Application No.	Patent No.	Issue Date
SYSTEMS AND METHODS FOR EMBEDDING A FOREGROUND VIDEO INTO A BACKGROUND FEED BASED ON A CONTROL INPUT	3D segmentation, immersive video	13/076,264	9628722	4/18/2017
SYSTEMS AND METHODS FOR EXTRACTING FOREGROUND VIDEO	3D segmentation	15/489,721	N/A	N/A
SYSTEMS AND METHODS FOR ACCURATE USER FOREGROUND VIDEO EXTRACTION	3D segmentation	13/083,470	8818028	8/26/2014
SYSTEMS AND METHODS FOR GENERATING A VIRTUAL CAMERA VIEWPOINT FOR AN IMAGE	3D segmentation, immersive video	13/098,363	9053573	6/9/2015
SYSTEMS AND METHODS FOR ILLUMINATION CORRECTION OF AN IMAGE	Video effects	13/149,715	9008457	4/14/2015
SYSTEM AND METHOD FOR GENERATING A DEPTH MAP AND FUSING IMAGES FROM A CAMERA ARRAY	3D imaging	13/544,795	9300946	3/29/2016
SYSTEMS AND METHODS FOR INTEGRATING USER PERSONAS WITH CONTENT DURING VIDEO CONFERENCING	Immersive video	13/948,539	9055186	6/9/2015
INTEGRATING USER PERSONAS WITH CHAT SESSIONS	Immersive video	14/132,606	9774548	9/26/2017
TRANSMITTING VIDEO AND SHARING CONTENT VIA A NETWORK USING MULTIPLE ENCODING TECHNIQUES	Video encoding	14/145,151	9386303	7/5/2016
TRANSMITTING VIDEO AND SHARING CONTENT VIA A NETWORK	Immersive video	15/202,478	N/A	N/A
SYSTEM AND METHODS FOR PERSONA IDENTIFICATION USING COMBINED PROBABILITY MAPS	3D segmenation	14/145,874	9414016	8/9/2016
SYSTEMS AND METHODS FOR PERSONA IDENTIFICATION USING COMBINED PROBABILITY MAPS	2D and 3D segmentation	15/231,296	N/A	N/A
SYSTEMS AND METHODS FOR ITERATIVE ADJUSTMENT OF VIDEOCAPTURE SETTINGS BASED ON IDENTIFIED PERSONA	Immersive video	14/145,880	9485433	11/1/2016

Title	Category	Application No.	Patent No.	Issue Date
SYSTEMS AND METHODS FOR ITERATIVE ADJUSTMENT OF VIDEOCAPTURE	Immersive video	15/339,274	9942481	4/10/2018
METHODS AND SYSTEMS FOR VISUALLY DEEMPHASIZING A DISPLAYED PERSONA SETTINGS BASED ON IDENTIFIED PERSONA	3D segmentation	14/588,967	9671931	6/6/2017
METHODS AND SYSTEMS FOR GENERATING A USER-HAIR-COLOR MODEL	3D segmentation with IR	14/842,525	9607397	3/28/2017
METHODS AND SYSTEMS FOR ASSIGNING PIXELS DISTANCE-COST VALUES USING A FLOOD FILL TECHNIQUE	3D segmentation	14/716,495	9563962	2/7/2017
METHODS AND SYSTEMS FOR ASSIGNING PIXELS DISTANCE-COST VALUES USING A FLOOD FILL TECHNIQUE	3D segmentation	15/425,331	9953223	4/24/2018
METHODS AND SYSTEMS FOR IDENTIFYING BACKGROUND IN VIDEO DATA USING GEOMETRIC PRIMITIVES	3D segmentation	14/716,511	9916668	3/13/2018
METHODS AND SYSTEMS FOR CLASSIFYING PIXELS AS FOREGROUND USING BOTH SHORT-RANGE DEPTH DATA AND LONG-RANGE DEPTH DATA	3D segmentation	14/721,428	N/A	N/A
METHODS AND SYSTEMS FOR COMBINING FOREGROUND VIDEO AND BACKGROUND VIDEO USING CHROMATIC MATCHING	Immersive video	15/181,653	9883155	1/30/2018
METHODS AND SYSTEMS FOR REAL-TIME USER EXTRACTION USING DEEP LEARNING NETWORKS	2D segmentation	15/333,623	9881207	1/30/2018