## 507210112 03/31/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
GABOR T. BARTHA			01/06/2014		
GEMMA CHANDRATILL	AKE		01/10/2014		
RICHARD CHEN			01/06/2014		
SARAH GARCIA			01/06/2014		
HUGO YU KOR LAM			01/10/2014		
SHUJUN LUO			01/06/2014		
MARK R. PRATT			01/06/2014		
JOHN WEST			01/09/2014		
Street Address: Internal Address: City: State/Country:	1350 WILLOW ROAD         SUITE 202         MENLO PARK         CALIFORNIA				
Postal Code:	94025				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Application Number:	1	7548379			
CORRESPONDENCE D	ΑΤΑ				
Fax Number:	•	949)567-6710	<b>, , ,</b>		
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<b>Phone:</b> (949) 567-6700					
Email: ipprosecution@orrick.com, sgloss@orrick.com					
Correspondent Name:	ORRICK HERRINGTON & SUTCLIFFE LLP IP PROSECUTION				

 Address Line 4:
 IRVINE, CALIFORNIA 92614

 ATTORNEY DOCKET NUMBER:
 48929.4002/US09

 NAME OF SUBMITTER:
 SHEILA GLOSS

SIGNATURE:	/Sheila Gloss/
DATE SIGNED:	03/31/2022
Total Attachments: 3 source=AssignmentUS14140990#page2 source=AssignmentUS14140990#page2 source=AssignmentUS14140990#page2	2.tif

PATENT ASSIGNMENT					Docket Number 44168-702.201		
WHEREAS, the undersigned:				<u>n</u>			
1. BARTHA, Gabor T. Los Altos, CA	2.	CHANDRATILLAKE, Gemma San Francisco, CA	3.	CHEN, Richard Burlingame, CA	4.	GARCIA, Sarah Palo Alto, CA	
<ol> <li>LAM, Hugo Yu Kor Mountain View, CA</li> </ol>	5.	LUO, Shujun Castro Valley, CA	6.	PRATT, Mark R. Belmont, CA	7.	WEST, John Cupertino CA	

(hereinafter "Inventor(s))," have invented certain new and useful improvements in

## METHODS AND SYSTEMS FOR GENETIC ANALYSIS

for which application serial number <u>14/141,990</u> was filed on <u>December 27, 2013</u> in the United States Patent and Trademark Office; (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, <u>Personalis</u>, Inc., a corporation of the State of <u>Delaware</u>, having a place of business at <u>1350 Willow Road</u>, <u>Suite 202</u>, <u>Menlo Park</u>, <u>CA 94025</u>, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignce:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and(g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said-Inventions and any applications proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 1/6/14	Gabor T. Bartha	Date:	· · · · · · · · · · · · · · · · · · ·
Date:	Gemma Chandratillake	Date: 1/6/14	Shujun Kuo
Date: <u>11, 114</u>	Richard Chen	Date: 1/6/14	Mark R. Pratt
Date: 1/6/14	Sandra Garzia	Date: <u>1/9/201</u> 4-	<b>v</b> .
	Satan Olaret		

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Page 1 of 1

## PATENT REEL: 059463 FRAME: 0281

		TENT ASSIGNMENT			Docket Number 44168-702.201	
WHEREAS, the undersig	gned:					
1. BARTHA, Gabor T. Los Altos, CA	2.	CHANDRATILLAKE, Gemma San Francisco, CA		CHEN, Richard Burlingame, CA	4. GARCIA, Sarah Palo Alto, CA	
<ol> <li>LAM, Hugo Yu Kor Mountain View, CA</li> </ol>	5.	LUO, Shujun Castro Valley, CA		PRATT, Mark R. Belmont, CA	7. WEST, John Cupertino CA	
(hereinafter "Inventor(s))	," have invente	d certain new and useful improvem	ents in			
		METHODS AND SYSTEM	AS FOI	R GENETIC ANALY	/SIS	
					States Patent and Trademark Office; or claim priority to or from the above	
(hereinafter "Assignee"), and to all embodiments o collectively referred to as States, foreign countries,	is desirous of a f the inventions "Inventions"), or under any in	equiring the entire right, title and i , heretofore conceived, made or di- and in and to any and all patents, i	nterest i scovere nventor protoco	in and to said Applicat d, whether jointly or so 's certificates and othe ol, or treaty, including	Willow Road, Suite 202, Menio Park, CA 94025, iion(s), and the inventions disclosed therein, and in everally, by said Inventor(s) (hereinafter r forms of protection thereon granted in the Unite those filed under the Paris Convention for the	
NOW, THERE	FORE, in cons	ideration of good and valuable con	siderati	on acknowledged by s	aid Inventor(s) to have been received in full from	
1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (c) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent issuing and to each and every patent and every patent and every patent and pulcetion filed outside the United States and corresponding to any of the foregoing; and(g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost its past, present and manages of whatever nature recoverable from an infringement of the Patent(s).						
right, title and interest he cooperation by said Inver specifications, declaration Assignee the right, title a divisional, continuing or (e) for interference or oth	rein conveyed i ntor(s) shall inc ns or other pape nd interest here additional appli er priority proc	n the United States, foreign countri lude prompt production of pertinen rs, and other assistance all to the e in conveyed; (b) for prosecuting an cations covering said Inventions; ( eedings involving said Inventions;	es, or u t facts a xtent de y applie d) for fi and (f)	nder any international and documents, giving emed necessary or des cations covering said I ling and prosecuting a for legal proceedings	le said Assignee to enjoy to the fullest extent the convention, agreement, protocol, or treaty. Such of testimony, execution of petitions, oaths, sirable by said Assignee (a) for perfecting in said nventions; (c) for filing and prosecuting substitute pplications for reissuance of any said Patent(s); involving said Inventions and any applications	
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 Docket Number 44168-702.201

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 5. LUO, Shujun
 6. PRATT, Mark R.
 7. WEST, John

Castro Valley, CA

 PRATT, Mark R. Belmont, CA

7. WEST, John Cupertino CA

(hereinafter "Inventor(s))," have invented certain new and useful improvements in

Mountain View, CA

## METHODS AND SYSTEMS FOR GENETIC ANALYSIS

for which application serial number <u>14/141.990</u> was filed on <u>December 27, 2013</u> in the United States Patent and Trademark Office; (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, <u>Personalis</u>, Inc., a corporation of the State of <u>Delaware</u>, having a place of business at <u>1350 Willow Road</u>, <u>Suite 202</u>, <u>Menlo Park</u>, <u>CA 94025</u>, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and(g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date:	Gabor T. Bartha	Date: 1/10/14	Hugo Yu Kor Pam
Date:	Gemma Chandratillake	Date:	Shujun Kuo
Date:	Richard Chen	Date:	Mark R. Pratt
Date:	Sandra Garcia	Date:	John West

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