

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SINGULAR BIO, INC.	06/14/2021

RECEIVING PARTY DATA

Name:	INVITAE CORPORATION
Street Address:	1400 16TH STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

PROPERTY NUMBERS Total: 25

Property Type	Number
Application Number:	62383378
Application Number:	16329816
Application Number:	61587861
Application Number:	14373113
Application Number:	15581971
Application Number:	62117942
Application Number:	15551788
Application Number:	61867554
Application Number:	61867559
Patent Number:	9212394
Patent Number:	9758814
Patent Number:	10626450
Application Number:	16842089
Application Number:	62342036
Application Number:	16304516
Application Number:	62073979
Application Number:	62073982
Application Number:	62135421
Application Number:	15523134
Application Number:	10664000

PATENT

Property Type	Number
Patent Number:	9057730
Patent Number:	9556429
Patent Number:	9481883
Patent Number:	9376677
Application Number:	15008100

CORRESPONDENCE DATA

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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: WOLF GREENFIELD & SACKS P.C.
Address Line 1: 600 ATLANTIC AVENUE
Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	S21859000US00 TO INVITAE
NAME OF SUBMITTER:	JOSEPH M. BOWLER
SIGNATURE:	/Joseph Bowler/
DATE SIGNED:	11/10/2021

Total Attachments: 8
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration, receipt of which is hereby acknowledged, **Singular Bio, Inc.**, a corporation organized and existing under the laws of Delaware and having an office and place of business at 455 Mission Bay Blvd South, San Francisco, California 94158 (hereafter referred to as the "Assignor"), hereby sells and assigns to **Invitae Corporation**, a corporation formed under the laws of Delaware, having an office and place of business at 1400 16th Street, San Francisco, California 94103 (hereafter referred to as the "Assignee"), its entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world, including the right to sue for past infringement and to collect for all past, present and future damages,

(a) in each of the Patents and Patent Applications that are described in detail in Schedule A, annexed hereto and made a part hereof, and

(b) in any and all applications that claim the benefit of the Patents and Patent Applications described in detail in Schedule A, including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals, and reexaminations of such Patents and Patent Applications, to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in each of the Patents and Patent Applications that are described in detail on Schedule A, and in all forms of intellectual and industrial property protection derivable therefrom, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such Patents and Patent Applications, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor agrees to execute all papers necessary in connection with the applications and Letters Patents as above, and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The Assignor agrees to execute all papers necessary in connection with any judicial or administrative proceeding, including but not limited to an interference, derivation, post-grant proceeding, patent enforcement action (judicial or otherwise) related to the applications or Letters Patents or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee at Assignee's expense in every reasonable way possible in obtaining evidence and going forward with such interference or patent enforcement act.

The Assignor agrees to perform all affirmative acts at Assignee's request and expense that may be necessary to obtain or ensure a grant of a valid patent to the Assignee.

The Assignor hereby represents that Assignor has full right and authority to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict therewith.

The Assignor hereby grants the patent practitioners associated with **CUSTOMER NUMBER 09629** the power to insert in this assignment, including the attached Schedule A, any further information regarding the patents and patent applications so identified in such Schedule A that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

SIGNED on behalf of the said ASSIGNOR,

Singular Bio, Inc.

By: Tom Brida

Name: Tom Brida

Title: President, Singular Bio, Inc.

Date: June 14, 2021

SIGNED on behalf of the said ASSIGNEE,

INVITAE CORPORATION

By: Tom Brida

Name: Tom Brida

Title: General Counsel, Invitae Corp.

Date: June 14, 2021

SCHEDULE A

Country	Appln. Number	Filing Date	Patent Number	Issue Date	
MLB Docket No. 031753-5001					
European Patent Convention	13738390.7	17-Jan-13			
Patent Cooperation Treaty	PCT/US13/21902	17-Jan-13			
United States of America	14/373,113	18-Jul-14			
United States of America	15/581,971	28-Apr-17			
United States of America	61/587,861	18-Jan-12			
MLB Docket No. 031753-5002					
Great Britain	PCT/GB02/01245	18-Mar-02			
United Kingdom	0106635.6	16-Mar-01			
United Kingdom	0118879.6	02-Aug-01			
European Patent Convention	02714323.9	18-Mar-02	1370690	14-Mar-12	
Belgium	02714323.9	18-Mar-02	1370690	14-Mar-12	
Switzerland	02714323.9	18-Mar-02	1370690	14-Mar-12	
Denmark	02714323.9	18-Mar-02	1370690	14-Mar-12	
Finland	02714323.9	18-Mar-02	1370690	14-Mar-12	
Germany	02714323.9	18-Mar-02	60242390	14-Mar-12	
France	02714323.9	18-Mar-02	1370690	14-Mar-12	
United Kingdom	02714323.9	18-Mar-02	1370690	14-Mar-12	
Ireland	02714323.9	18-Mar-02	1370690	14-Mar-12	
Luxembourg	02714323.9	18-Mar-02	1370690	14-Mar-12	

Netherlands	02714323.9	18-Mar-02	1370690	14-Mar-12	
Italy	02714323.9	18-Mar-02	502012902060151	14-Mar-12	
Sweden	02714323.9	18-Mar-02	1370690	14-Mar-12	
European Patent Convention	10075555.2	18-Mar-02			
European Patent Convention	14172340.3	18-Mar-02	2801624	6-Mar-19	
Belgium	14172340.3	18-Mar-02	2801624	6-Mar-19	
France	14172340.3	18-Mar-02	2801624	6-Mar-19	
Germany	14172340.3	18-Mar-02	60249815.5	6-Mar-19	
Ireland	14172340.3	18-Mar-02	2801624	6-Mar-19	
Netherlands	14172340.3	18-Mar-02	2801624	6-Mar-19	
Switzerland	14172340.3	18-Mar-02	2801624	6-Mar-19	
United Kingdom	14172340.3	18-Mar-02	2801624	6-Mar-19	
United States of America	10/664,000	16-Sep-03			
United States of America	13/455,766	25-Apr-12	9057730	16-Jun-15	
United States of America	14/616,224	6-Feb-15	9556429	31-Jan-17	
United States of America	14/806,096	22-Jul-15	9481883	1-Nov-16	
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MLB Docket No. 031753-5003					
United States of America	61/867,554	19-Aug-13			
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Patent Cooperation Treaty	PCT/US14/51763	19-Aug-14			
Australia	2014308980	19-Aug-14	2014308980	11-Mar-21	
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Belgium	14838189.0	19-Aug-14	3036545	3-Jul-19	

Brazil	1120160034805	19-Aug-14			
Canada	2921628	19-Aug-14			
China (People's Republic)	201480057266.8	19-Aug-14			
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European Patent Convention	14838189.0	19-Aug-14	3036545	3-Jul-19	
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Japan	2017-018800	19-Aug-14	6397065	7-Sep-18	
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Netherlands	14838189.0	19-Aug-14	3036545	3-Jul-19	
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New Zealand	756486	19-Aug-14			
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Sweden	14838189.0	19-Aug-14	3036545	3-Jul-19	
Switzerland	14838189.0	19-Aug-14	3036545	3-Jul-19	
United Kingdom	14838189.0	19-Aug-14	3036545	3-Jul-19	
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United States of America	62/073,982	1-Nov-14			
Patent Cooperation Treaty	PCT/US15/58529	31-Oct-15			
United States of America	15/523,134	28-Apr-17			
MLB Docket No. 031753-5006					
United States of America	62/073,979	1-Nov-14			
United States of America	62/135,421	19-Mar-15			
MLB Docket No. 031753-5007					
United States of America	62/117,942	18-Feb-15			
Patent Cooperation Treaty	PCT/US16/18549	18-Feb-16			
Australia	2016219943	18-Feb-16			
China (People's Republic)	201680021830.X	18-Feb-16			
Korea, Republic of	10-2017-7026014	18-Feb-16			
United States of America	15/551,788	17-Aug-17			
MLB Docket No. 031753-5008					
United States of America	62/342,036	26-May-16			
Patent Cooperation Treaty	PCT/US17/34827	26-May-17			

China (People's Republic)	201780045669.4	26-May-17			
United States of America	16/304,516	26-Nov-18			
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United States of America	62/383,378	2-Sep-16			
Patent Cooperation Treaty	PCI/US17/49823	1-Sep-17			
China (People's Republic)	201780066021.5	1-Sep-17			
European Patent Convention	17847615.6	1-Sep-17			
United States of America	16/329,816	1-Mar-19			
MLB Docket No. 031753-5011					
United States of America	63/029,163	22-May-20			