PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4353770

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANIRUDDHA PUNTAMBEKAR	03/29/2017
JUNGYOUP HAN	03/16/2017
JUNHAI KAI	03/27/2017
CHONG AHN	03/17/2017

RECEIVING PARTY DATA

Name:	SILOAM BIOSCIENCES, INC.	
Street Address:	413 NORTHLAND BLVD	
City:	FOREST PARK	
State/Country:	OHIO	
Postal Code:	45240	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14414945

CORRESPONDENCE DATA

Fax Number: (513)977-8141

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.

Phone: 513-977-8200

Email: MOLLY.APPELFELLER@DINSMORE.COM

Correspondent Name: DINSMORE & SHOHL LLP

Address Line 1: 255 E. 5TH STREET

Address Line 2: **SUITE 1900**

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	111357-5 (SILOAM 14)
NAME OF SUBMITTER:	YONGSOK CHOI
SIGNATURE:	/Yongsok Choi/
DATE SIGNED:	04/05/2017

Total Attachments: 8

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> **PATENT** REEL: 041856 FRAME: 0031 504307089



PATENT REEL: 041856 FRAME: 0032

WHEREAS, we, Aniruddha Puntambekar, Jungyoup Han, Junhai Kai, Chong Ahn, hereinafter the ASSIGNOR(S), invented certain new and useful Point of Care Testing Assay System Using Novel Microfluidics for which we executed an application for a United States Patent and for which said application for United States Patent was filed on
☑ Patent Application Serial No14/414,945
☐ Attorney Docket No;
WHEREAS, the ASSIGNOR(S) hereby authorize(s) and request(s) the attorney(s) and/or agent(s) empowered to act on Siloam Biosciences , Inc. 's behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;
WHEREAS, Siloam Biosciences, Inc. , a company of U.S.A., with a place of business at 413 Northland Blvd Forest Park, OH 45240, hereinafter called the <i>ASSIGNEE</i> , is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNOR(S) to assign all rights to the above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, *ASSIGNOR(S)* hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, nunc pro tunc effective January 15, 2015, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, reexaminations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR(S) had this assignment not been made;

ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

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By: <u>Zawawa</u> Aniruddha Puntambekar
Date: <u>03/29/2017</u>
By:
Yearner and Bloom
Jungyoup Han
Date:
Ву:
Junhai Kai
suntal Nai
Date:
8y:
Chong Ahn
Date:

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WHEREAS, we, Aniruddha Puntambekar, Jungyoup Han, Junhai Kai, Chong Ahn, hereinafter the ASSIGNOR(S), invented certain new and useful Point of Care Testing Assay System Using Novel Microfluidics for which we executed an application for a United States Patent and for which said application for United States Patent was filed on
☑ Patent Application Serial No14/414,945
☐ Attorney Docket No;
WHEREAS, the ASSIGNOR(S) hereby authorize(s) and request(s) the attorney(s) and/or agent(s) empowered to act on Siloam Biosciences , Inc. 's behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;
WHEREAS, Siloam Biosciences , Inc. , a company of U.S.A., with a place of business at 413 Northland Blvd Forest Park, OH 45240, hereinafter called the <i>ASSIGNEE</i> , is desirous of acquiring the entire right, title and interest in and to said application and the inventions

AND, WHEREAS, it is the intent of the ASSIGNOR(S) to assign all rights to the above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

therein disclosed and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, *ASSIGNOR(S)* hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, nunc pro tunc effective January 15, 2015, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, reexaminations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR(S) had this assignment not been made;

ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASSIGNOR(S):
By:Aniruddha Puntambekar
Date:
By: Jungyoup Han
Date: Mach 16, 2017
By: Junhai Kai
Date:
By:Chong Ahn
Data:

WHEREAS, we, Aniruddha Puntambekar, Jungyoup Han, Junhai Kai, Chong
Ahn, hereinafter the ASSIGNOR(S), invented certain new and useful Point of Care Testing Assay
System Using Novel Microfluidics for which we executed an application for a United States Patent
and for which said application for United States Patent was filed on <u>January 15, 2015</u> , under
☑ Patent Application Serial No14/414,945
☐ Attorney Docket No;
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WHEREAS, the ASSIGNOR(S) hereby authorize(s) and request(s) the attorney(s)
and/or agent(s) empowered to act on Siloam Biosciences, Inc.'s behalf in the aforementioned
application, to insert above the filing date and application number of said application, when known;
WHEREAS, Siloam Biosciences, Inc., a company of U.S.A., with a place of
business at 413 Northland Blvd Forest Park, OH 45240, hereinafter called the ASSIGNEE, is
desirous of acquiring the entire right, title and interest in and to said application and the inventions
therein disclosed and any Letters Patent that may issue thereon;
anorom discressed and any Letters I atom mat may issue moreon,
AND, WHEREAS, it is the intent of the ASSIGNOR(S) to assign all rights to the
above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights
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AND, WHEREAS, it is the intent of the *ASSIGNOR(S)* to assign all rights to the above referenced application to the *ASSIGNEE*, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, *ASSIGNOR(S)* hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, nunc pro tunc effective January 15, 2015, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, reexaminations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR(S) had this assignment not been made;

ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby

PATENT REEL: 041856 FRAME: 0037

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

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By:		
	Aniruddha Puntambekar	
Date:		
0 		
Ву:	Jungyoup Han	
Date:		
Ву:	1/2//Caramana /	Man
Date:	03/27/2017	
Ву:		
	Chong Ahn	
Date:		

Ahn, hereinafter the A System Using Novel?	SSIGNOR(S), invented certain nedicrofluidics for which we execute	Dekar, Jungyoup Han, Junhai Kai, Chor new and useful Point of Care Testing Assa nated an application for a United States Pate was filed on <u>January 15, 2015</u> , under
⊠ Pate	nt Application Serial No14	414.945
☐ Ano	mey Docket No.	······································
and/or agent(s) empo application, to insert al WHER business at 413 Nort desirous of acquiring t	wered to act on Siloam Biosci pove the filing date and application EAS, Siloam Biosciences, Inc. Island Blvd Forest Park, OH 4	v authorize(s) and request(s) the attorney(iences, Inc.'s behalf in the aforementions on number of said application, when known ., a company of U.S.A., with a place of 5240, hereinafter called the ASSIGNEE, in and to said application and the invention
AND, ¹ above referenced appl in the above-reference	WHEREAS, it is the intent of the ication to the ASSIGNEE, included application as well as the right	the ASSIGNOR(S) to assign all rights to the distance of the di

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, nunc pro tune effective January 15, 2015, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions.

continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

Contracting States;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR(S) had this assignment not been made;

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Page 1 of 2

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

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Ву:	Aniruddha Puntambekar
Date:	
Ву:	Jungyoup Han
Date:	***
Ву:	Junhai Kai
Date:	
Ву:	Charge Skin
	Chong Ahn
Date:	3/17/2017

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