

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4501548

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAL LIPSON	06/26/2017
MOHAMMAD AMIN TADAYON	06/19/2017
ASEEMA MOHANTY	06/19/2017
FELIPPE BARBOSA	06/30/2017
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	535 WEST 116TH STREET
Internal Address:	412 LOW MEMORIAL LIBRARY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15614937
CORRESPONDENCE DATA	
Fax Number:	(215)568-3439
<i>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.</i>	
Phone:	2155683100
Email:	assignments@woodcock.com
Correspondent Name:	BAKER & HOSTETLER LLP
Address Line 1:	2929 ARCH STREET
Address Line 2:	12TH FLOOR, CIRA CENTRE
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19104
ATTORNEY DOCKET NUMBER:	101879.000038 / CU16333
NAME OF SUBMITTER:	FAITH A. POORE
SIGNATURE:	/Faith A. Poore/
DATE SIGNED:	07/13/2017
Total Attachments: 8	

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ASSIGNMENT

WHEREAS, I, **Michal Lipson**, a citizen of **United States**, residing at **452 Riverside Drive, Apt. 62, New York, New York 10027**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **101879.000038 / CU16333** ("the invention"), assigned application number **15/614,937** filed on **June 6, 2017**, entitled **INTEGRATED MICRO-LENS WAVEGUIDE AND METHODS OF MAKING AND USING SAME** ("the subject application"); which claims benefit of application number **62/345,975** filed **June 6, 2016** ("the priority application");

AND WHEREAS, **The Trustees of Columbia University in the City of New York**, ASSIGNEE, having a place of business at **535 West 116th Street, 412 Low Memorial Library, New York, New York 10027**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

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the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 26 day of June, year of 2017.

Michal Lipson

Signature – Michal Lipson

STATEMENT OF WITNESS

SIGNED at NY NY USA
(City) (State) (Country)

This 26 day of June, 2017.

I, Kristal Paulino whose full residence address is
5210 Broadway, Bx, NY 10463

was personally present and did see Michal Lipson execute the above assignment on the 26 day of June, 2017, and such assignor is personally known to me to be the person described in such document.

[Signature]

Signature of Witness

ASSIGNMENT

WHEREAS, I, **Mohammad Amin Tadayon**, a citizen of Iran, residing at **3123 Bailey Avenue, Apt. 3C, Bronx, New York 10463**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **101879.000038 / CU16333** ("the invention"), assigned application number **15/614,937** filed on **June 6, 2017**, entitled **INTEGRATED MICRO-LENS WAVEGUIDE AND METHODS OF MAKING AND USING SAME** ("the subject application"); which claims benefit of application number **62/345,975** filed **June 6, 2016** ("the priority application");

AND WHEREAS, **The Trustees of Columbia University in the City of New York**, ASSIGNEE, having a place of business at **535 West 116th Street, 412 Low Memorial Library, New York, New York 10027**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

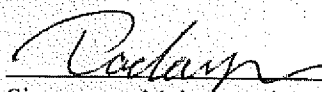
AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

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the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 19 day of June, year of 2017.


Signature - Mohammad Amin Tadayon

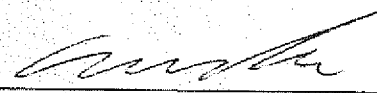
STATEMENT OF WITNESS

SIGNED at New York NY USA
(City) (State) (Country)

This 19 day of June, 2017.

I, Euijae Shim whose full residence address is
420 W 119th St Apt 45, New York, NY, 10027

was personally present and did see **Mohammad Amin Tadayon** execute the above assignment on the 19 day of June, 2017, and such assignor is personally known to me to be the person described in such document.


Signature of Witness

ASSIGNMENT

WHEREAS, I, Aseema Mohanty, a citizen of United States, residing at 522 West 112th Street, Apt. 52B, New York, New York 10025, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 101879.000038 / CU16333 ("the invention"), assigned application number 15/614,937 filed on June 6, 2017, entitled INTEGRATED MICRO-LENS WAVEGUIDE AND METHODS OF MAKING AND USING SAME ("the subject application"); which claims benefit of application number 62/345,975 filed June 6, 2016 ("the priority application");

AND WHEREAS, The Trustees of Columbia University in the City of New York, ASSIGNEE, having a place of business at 535 West 116th Street, 412 Low Memorial Library, New York, New York 10027, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.


AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

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the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 19 day of June, year of 2017.



Signature – Aseema Mohanty

STATEMENT OF WITNESS

SIGNED at New York NY U.S.
(City) (State) (Country)

This 19 day of June, 2017.

I, Mohammad Amin Tadayon whose full residence address is
210 W 251st ST APT 5E, BRONX, NY 10471

was personally present and did see Aseema Mohanty execute the above assignment on the
19 day of June, 2017, and such assignor is personally known to me to be the
person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, **Felippe Barbosa**, a citizen of **Brazil**, residing at **R. Regent Feijo, 512, ap 83, Campinas, São Paulo, Brazil**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **101879.000038 / CU16333** ("the invention"), assigned application number **15/614,937** filed on **June 6, 2017**, entitled **INTEGRATED MICRO-LENS WAVEGUIDE AND METHODS OF MAKING AND USING SAME** ("the subject application"); which claims benefit of application number **62/345,975** filed **June 6, 2016** ("the priority application");

AND WHEREAS, **The Trustees of Columbia University in the City of New York**, ASSIGNEE, having a place of business at **535 West 116th Street, 412 Low Memorial Library, New York, New York 10027**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

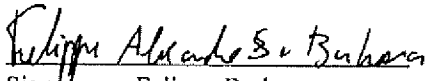
AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

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the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 30 day of June, year of 2017.



Signature -- Felipe Barbosa

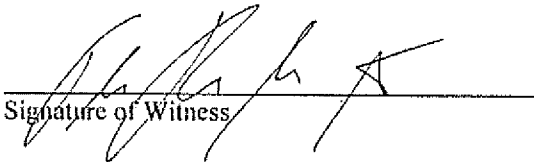
STATEMENT OF WITNESS

SIGNED at CAMPINAS SÃO PAULO BRAZIL
(City) (State) (Country)

This 30th day of JUNE, 2017.

I, THIAGO PEDRO MAYER ALEGRE whose full residence address is
RUA ANTONIO LUIZ CARBONE, 426 - CAMPINAS/SP - BRAZIL

was personally present and did see **Felipe Barbosa** execute the above assignment on the 30th day of JUNE, 2017, and such assignor is personally known to me to be the person described in such document.


Signature of Witness