506422641 12/28/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6469398

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES E. FAY III	12/17/2020
DR. RICHARD DENNIS VIGIL	12/22/2020
DR. JOHN A. SODERQUIST	12/17/2020
ANDREW S. HELLER	12/22/2020
TRUNG LO DEO	12/18/2020
CAMERON LYNCH	12/10/2020
DANILO R. MANFRE	12/16/2020
DR. BEATE SCHMITTMANN	12/10/2020

RECEIVING PARTY DATA

Name:	IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	
Street Address:	1805 COLLABORATION PLACE	
Internal Address:	SUITE 2100	
City:	AMES	
State/Country:	IOWA	
Postal Code:	50010	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17103501

CORRESPONDENCE DATA

Fax Number:

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: 515-283-3100

Email: nkesselring@nyemaster.com **Correspondent Name:** NYEMASTER GOODE P.C.

Address Line 1: 700 WALNUT STREET, SUITE 1600
Address Line 4: DES MOINES, IOWA 50309-3899

ATTORNEY DOCKET NUMBER:	3010305-1002
NAME OF SUBMITTER:	TODD VAN THOMME

PATENT 506422641 REEL: 054751 FRAME: 0822

SIGNATURE:	/Todd Van Thomme/	
DATE SIGNED:	12/28/2020	
Total Attachments: 10		
source=ISURF05100_Assignment002#page1.tif		
source=ISURF05100_Assignment002#page2.tif		
source=ISURF05100_Assignment002#page3.tif		
source=ISURF05100_Assignment002#page4.tif		
source=ISURF05100_Assignment002#page5.tif		
source=ISURF05100_Assignment002#page6.tif		
source=ISURF05100_Assignment002#page7.tif		
source=ISURF05100_Assignment002#page8.tif		
source=ISURF05100_Assignment002#page9.tif		
source=ISURF05100_Assignment002#page10.tif		

Atty. Docket No.: 3010305-1002 Client Ref. No. ISURF #05100

ASSIGNMENT

WHEREAS, James E. Fay III, Dr. Richard Dennis Vigil, Dr. John A. Soderquist, Andrew S. Heller, Trung Lo Deo, Cameron Lynch, Danilo R. Manfre, and Dr. Beate Schmittmann (hereinafter the "Undersigned"), have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on November 24, 2020, which application was assigned U.S. patent application Serial No. 17/103,501, and which is titled PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Iowa State University Research Foundation, Inc. (the "Assignee"), a corporation of Iowa, having a place of business at 1805 Collaboration Place, Suite 2100, Ames, IA 50010, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with the U.S. Patent and Trademark Office (USPTO) Customer No. 86225 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

Assignors: James E. Fay III et al.

Atty. Docket No.: 3010305-1002 Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK Client Ref. No.: ISURF #05100

Page 2 of 10

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed in possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as the date of my signature below:

Assignors: James E. Fay III et al.

Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK

Page 3 of 10

___ Date: <u>17 - DEC - ZO</u>20

Atty. Docket No.: 3010305-1002

Client Ref. No.: ISURF #05100

Printed Name: Kathleen Bussan

Assignors: James E. Fay III et al.

Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK

Page 4 of 10

Atty. Docket No.: 3010305-1002

Client Ref. No.: ISURF #05100

Dr. Richard Dennis Vigil

Date: 12-22-20

Witnessed By: Susan &. (

Witnessed By: Susan & . Cross
Witness Signature
Printed Name: Susan E. Cross

PATENT

REEL: 054751 FRAME: 0827

Assignors: James E. Fay III et al.

Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK

Page 6 of 10

Atty. Docket No.: 3010305-1002

Client Ref. No.: ISURF #05100

Witnessed By:

Witness Signature

Printed Name: Cameron Lynch

Assignors: James E. Fay III et al.

Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK

Page 7 of 10

Atty. Docket No.: 3010305-1002

Client Ref. No.: ISURF #05100

Trung Lo Déo

Date: 12

Witnessed-By:

Witness Signature

Printed Name:

18-Dec-2020

Assignors: James E. Fay III et al.

Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK

Page 8 of 10

Assignor: Cameronlynch Date: 12/10/2020

Cameron Lynch

Witnessed By:

Witness Signature

Printed Name: Trung Deo

Date: 12/10/2020

PATENT REEL: 054751 FRAME: 0831

Atty. Docket No.: 3010305-1002

Client Ref. No.: ISURF #05100

Assignors: James E. Fay III et al.

Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK

Page 9 of 10

Assignor: 100 Date: 12 / 16 / 20

Witnessed By: OMERON Juck

Witness Signature

Printed Name: Cameran K-Yoch

Date: 12/16/20

Atty. Docket No.: 3010305-1002

Client Ref. No.: ISURF #05100

Assignors: James E. Fay III et al.

Title: PERSONAL PROTECTIVE ANTI-VIRAL FACE MASK

Page 10 of 10

Atty. Docket No.: 3010305-1002

Client Ref. No.: ISURF #05100

Dr. Beate Schmittmann

Jay Imous
Witness Signature

Printed Name: <u>Gaye Simonson</u> Date: <u>12-10-2020</u>

PATENT REEL: 054751 FRAME: 0833

RECORDED: 12/28/2020