505968178 03/16/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6014885

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| GOLSHAN GOLNARI | 10/23/2019 |
| SABER TAGHVAEEYAN | 10/23/2019 |
| JENNIFER F. SCHUMACHER | 10/17/2019 |

RECEIVING PARTY DATA

| Name: | 3M INNOVATIVE PROPERTIES COMPANY | |
|-----------------|----------------------------------|--|
| Street Address: | P.O. BOX 33427 | |
| City: | SAINT PAUL | |
| State/Country: | MINNESOTA | |
| Postal Code: | 55133-3427 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16647539 |

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: 651-733-1500

Email: mekosloski@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

| ATTORNEY DOCKET NUMBER: | 80167US009 | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | MYCKI E. KOSLOSKI | |
| SIGNATURE: | /Mycki E. Kosloski/ | |
| DATE SIGNED: | 03/16/2020 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 3

source=Executed Declaration-Assignment 80167US009#page1.tif source=Executed Declaration-Assignment 80167US009#page2.tif source=Executed Declaration-Assignment 80167US009#page3.tif

PATENT 505968178 REEL: 052120 FRAME: 0080

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)

Case No:

80167WO003

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

| SYSTEM AND METHOD FOR ANOMALY D | ETECTION IN AN ELECTRICAL NETWORK |
|--|--|
| The specification of which: | |
| is attached hereto; | |
| was filed on | |
| as United States Application No. | |
| | |
| is identified as PCT International Application No. | PCT/IB2018/058544 |
| filed on October 31, 2018 | |
| The above-identified application was made or authorized t | o be made by me. |
| I hereby acknowledge that any willful false statement mad fine or imprisonment of the transfer | e in this declaration is punishable under 18 U.S.C. 1001 by |
| and do hereby assign and transfer unto the 3M INNOVATI 3M COMPANY, and a corporation of Delaware, having its assigns, the entire right, title, and interest in and to the sai continuation (in whole or in part) of said application, and in by me or made jointly with others (provided any such importermination of, my employment with 3M COMPANY and a all Letters Patent, reexaminations, reissues, or extensions thereto (including the right to apply for Letters Patent, Utili own name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which has continuation (in whole or in part), renewal, reexamination, part upon the said invention or improvements thereon, to have been by me had this assignment and transfer not be | n and to any and all improvements in the said invention made covement is made during, or within one year after the my of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign ty Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under ave been or may be granted thereon or on any divisional, reissue, or other or further application based in whole or in be held and enjoyed as fully and exclusively as they would en made; |
| that may be deemed necessary by said Company, its succ | and administrators, to execute and deliver without further documents, and to perform such other acts as I lawfully may, cessors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and all |
| I do hereby authorize and request the Commissioner of Pagranted upon any of the said applications, to said 3M Innotitle, and interest therein. | atents to issue any and all Letters Patent which may be ovative Properties Company, as the assignee of the entire right |
| Legal Name of Inventor: | |
| Golshan Golnari | Department of the Control of the Con |
| Inventor's Signature: | Date: |
| · · · · · · · · · · · · · · · · · · · | |
| Gulchan Galmani | 10773,7019 |

PATENT REEL: 052120 FRAME: 0081

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)

Case No:

80167WO003

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

| SYSTEM AND METHOD FOR ANOMALY DETECTION IN AN ELECTRICAL NETWORK | |
|--|---|
| The specification of which: | |
| is attached hereto; | |
| was filed on as United States Application No. | |
| is identified as PCT International Application No. filed on October 31, 2018 | PCT/IB2018/058544 |
| The above-identified application was made or authorized to | be made by me. |
| I hereby acknowledge that any willful false statement made fine or imprisonment of not more than 5 years, or both. | in this declaration is punishable under 18 U.S.C. 1001 by |
| and do hereby assign and transfer unto the 3M INNOVATIV 3M COMPANY, and a corporation of Delaware, having its p assigns, the entire right, title, and interest in and to the said continuation (in whole or in part) of said application, and in a by me or made jointly with others (provided any such improvementation of, my employment with 3M COMPANY and any | rincipal office at Saint Paul, Minnesota, its successors and invention and application, and in and to any division or and to any and all improvements in the said invention made vernent is made during, or within one year after the vof its existing or future subsidiaries), and in and to any and nereof, of the United States of America and countries foreign Models, or Inventors' Certificates in foreign countries in its oplications to which such applications are entitled under to been or may be granted thereon or on any divisional, eissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would |
| I do further agree for myself and for my heirs, executors, an consideration any further applications, assignments, and do that may be deemed necessary by said Company, its succeand interest as aforesaid and to obtain or maintain Letters F countries; and | cuments, and to perform such other acts as I lawfully may, |
| I do hereby authorize and request the Commissioner of Pat granted upon any of the said applications, to said 3M Innovatitle, and interest therein. | ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right |
| | |
| Legal Name of Inventor: | ************************************** |
| Saber Taghvaeeyan Inventor's Signature: | Date: |
| | × × |
| Tayl | 10-23-7019 |

PATENT REEL: 052120 FRAME: 0082

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)

Case No:

80167WO003

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

| SYSTEM AND METHOD FOR ANOMALY | DETECTION IN AN ELECTRICAL NETWORK |
|---|--|
| The specification of which: | |
| is attached hereto; | |
| was filed on as United States Application No. | |
| is identified as PCT International Application No. filed on October 31, 2018 | PCT/IB2018/058544 |
| The above-identified application was made or authorized | d to be made by me. |
| I hereby acknowledge that any willful false statement ma fine or imprisonment of not more than 5 years, or both. | ade in this declaration is punishable under 18 U.S.C. 1001 by |
| and do hereby assign and transfer unto the 3M INNOVA 3M COMPANY, and a corporation of Delaware, having it assigns, the entire right, title, and interest in and to the scontinuation (in whole or in part) of said application, and by me or made jointly with others (provided any such implementation of, my employment with 3M COMPANY and all Letters Patent, reexaminations, reissues, or extension thereto (including the right to apply for Letters Patent, Ution name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which is continuation (in whole or in part), renewal, reexamination part upon the said invention or improvements thereon, to have been by me had this assignment and transfer not be do further agree for myself and for my heirs, executors, consideration any further applications, assignments, and that may be deemed necessary by said Company, its such and interest as aforesaid and to obtain or maintain Letter countries; and | any of its existing or future subsidiaries), and in and to any and ins thereof, of the United States of America and countries foreign tility Models, or Inventors' Certificates in foreign countries in its in applications to which such applications are entitled under have been or may be granted thereon or on any divisional, in, reissue, or other or further application based in whole or in the behalf and enjoyed as fully and exclusively as they would |
| Legal Name of Inventor: | The second secon |
| Jennifer F. Schumacher | |
| Inventor's Signature: | Date: |
| Jenh F Schumach | 170012019 |

PATENT REEL: 052120 FRAME: 0083

RECORDED: 03/16/2020