505588017 07/24/2019

EPAS ID: PAT5634816

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALONSO M. HERNANDEZ	07/11/2019
BRIAN D. GALE	06/17/2019
NICOLAS A. ECHEVERRI	06/10/2019

RECEIVING PARTY DATA

Name:	3M Innovative Properties Company	
Street Address:	P.O. Box 33427	
City:	St. Paul	
State/Country:	MINNESOTA	
Postal Code:	55133-3427	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29685244

CORRESPONDENCE DATA

Fax Number: (651)736-3833

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: hhfroelke1@mmm.com

3M INNOVATIVE PROPERTIES COMPANY **Correspondent Name:**

Address Line 1: P.O. BOX 33427

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

ATTORNEY DOCKET NUMBER:	81944US002
NAME OF SUBMITTER:	HYLIS H. FROELKE
SIGNATURE:	/Hylis H. Froelke/
DATE SIGNED:	07/24/2019

Total Attachments: 3

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PATENT REEL: 049850 FRAME: 0643 505588017

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

Case No:

81944US002

AIR PURIFIER	
The specification of which: is attached hereto;	
was filed on MARCH 27, 2019	p-vocasia de la constanta de l
as United States Application No.	29/685244
☐ is identified as PCT International Application No. filed on	
The above-identified application was made or authorized to be made	by me.
I hereby acknowledge that any willful false statement made in this define or imprisonment of not more than 5 years, or both.	eclaration is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which is a and do hereby assign and transfer unto the 3M INNOVATIVE PROP 3M COMPANY, and a corporation of Delaware, having its principal of assigns, the entire right, title, and interest in and to the said invention continuation (in whole or in part) of said application, and in and to an by me or made jointly with others (provided any such improvement is termination of, my employment with 3M COMPANY and any of its exail Letters Patent, reexaminations, reissues, or extensions thereof, of thereto (including the right to apply for Letters Patent, Utility Models, own name and to claim any priority rights for such foreign application international conventions, treaties, or otherwise), which have been or continuation (in whole or in part), renewal, reexamination, reissue, or part upon the said invention or improvements thereon, to be held and have been by me had this assignment and transfer not been made; I do further agree for myself and for my heirs, executors, and administ consideration any further applications, assignments, and documents, that may be deemed necessary by said Company, its successors, as and interest as aforesaid and to obtain or maintain Letters Patent, Uticountries; and	ERTIES COMPANY, a wholly-owned subsidiary of iffice at Saint Paul, Minnesota, its successors and and application, and in and to any division or y and all improvements in the said invention made imade during, or within one year after the isting or future subsidiaries), and in and to any and if the United States of America and countries foreign or Inventors' Certificates in foreign countries in its is to which such applications are entitled under may be granted thereon or on any divisional, other or further application based in whole or in denjoyed as fully and exclusively as they would strators, to execute and deliver without further and to perform such other acts as I lawfully may, sings, and nominees fully to secure its right.
I do hereby authorize and request the Commissioner of Patents to issignanted upon any of the said applications, to said 3M Innovative Property and interest thereign.	sue any and all Letters Patent which may be serties Company, as the assignee of the entire right,
title, and interest therein.	
title, and interest therein. Legal Name of Inventor:	The control of the co
oue, and merest merem.	

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)	Case No:	.8′	944US002
As a below named inventor, I believe I am an original inve application and for which a patent is sought on the invention	entor or an original joint i on entitled;	nventor of a o	laimed invention in the
AIR PU	RIFIER	· <u></u>	
The specification of which:		······································	
is attached hereto;			
was filed on MARCH 27, 2019 as United States Application No.	29/6852	244	
is identified as PCT International Application No. filed on			
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 addition, for good and valuable consideration, receipt of and do hereby assign and transfer unto the 3M INNOVATIVE AND COMPANY, and a corporation of Delaware, having its passigns, the entire right, title, and interest in and to the said continuation (in whole or in part) of said application, and in by me or made jointly with others (provided any such improvementation of, my employment with 3M COMPANY and an all Letters Patent, reexaminations, reissues, or extensions therein (including the right to apply for letters Patent, Little	which is acknowledged, VE PROPERTIES COMPORTIES COMPORTIES COMPORTIES TO MAKE THE PROPERTIES OF THE PR	I have agreed PANY, a whole aul, Minnesoton, and in and vements in the or within one subsidiaries)	to assign and transfer y-owned subsidiary of a, its successors and to any division or e said invention made year after the and in and to any and
own name and to claim any priority rights for such foreign a international conventions, treaties, or otherwise), which have continuation (in whole or in part), renewal, reexamination, reart upon the said invention or improvements thereon, to be nave been by me had this assignment and transfer not bee	/ Models, or Inventors' Compositions to which such the been or may be granted in the been or other or furthed held and enjoyed as furthed in made;	ertificates in for applications of thereon or application in application in and exclusion in the application	oreign countries in its are entitled under on any divisional, pased in whole or in ively as they would
do further agree for myself and for my heirs, executors, and consideration any further applications, assignments, and do hat may be deemed necessary by said Company, its succeand interest as aforesaid and to obtain or maintain Letters Focuntries; and	ocuments, and to perform	າ such other a	cts as I lawfully may,
do hereby authorize and request the Commissioner of Pat granted upon any of the said applications, to said 3M Innov- itle, and interest therein.	ents to issue any and ali ative Properties Compar	Letters Pater ly, as the ass	t which may be gnee of the entire right,
Legal Name of Inventor:			
Brian D. GALE			
Inventor's Signature:	Date: 6/17/19		
W-18-	entitie.		

PATENT REEL: 049850 FRAME: 0645

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

Case No:

81944US002

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:	

	AIR PURIFI	ER	
he specification of v	/hich:		
is attached here	to;		
was filed on	MARCH 27, 2019		
as United States	s Application No.	29/685244	
is identified as F filed on	CT International Application No.		

The above-identified application was made or authorized to be made by me.

Thereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made:

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Legal Name of Inventor: Nicolas A. ECHEVERRI	
Inventor's Signature:	June, 10 2019

PATENT REEL: 049850 FRAME: 0646