504813644 03/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4860379

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW D. WILDING	02/06/2018
STEPHEN L. LIEDER	01/22/2018
EUGENE H. CARLSON	02/14/2018
KENTON D. BUDD	01/19/2018
JOSEPH D. ENGEBRETSON	02/06/2018

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:	15759124

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: nsconway@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: 76915US006	
NAME OF SUBMITTER: NICOLE S. CONWAY	
SIGNATURE:	/Nicole S. Conway/
DATE SIGNED: 03/09/2018	
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

source=Declaration_Assignment_MatthewWilding_76915US006#page1.tif source=Declaration_Assignment_StephenLieder_76915US006#page1.tif source=Declaration_Assignment_EugeneCarlson_76915US006#page1.tif source=Declaration_Assignment_KentonBudd_76915US006#page1.tif source=Declaration_Assignment_JoeEngebretson_76915US006#page1.tif

Case No:

76915US006

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:

shburganots and tot assent a borest to poodity on the state	AND
DURABLE RETROREFLECTIVE E	ELEMENTS WITH A BLEND OF BEADS
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
as United States Application (No.	
is identified as PCT International Application No. filed on SEPTEMBER 6, 2016	PCT/US2016/050395
The above-identified application was made or authorize	ed to be made by me.
I hereby acknowledge that any willful false statement m fine or imprisonment of not more than 5 years, or both.	ade in this declaration is punishable under 18 U.S.C. 1001 by
assigns, the entire right, title, and interest in and to the continuation (in whole or in part) of said application, and by me or made jointly with others (provided any such in termination of, my employment with 3M COMPANY and all Letters Patent, reexaminations, reissues, or extensional Letters Patent, reexaminations, reissues, or extensional concluding the right to apply for Letters Patent, Lown name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which continuation (in whole or in part), renewal, reexaminational upon the said invention or improvements thereon, have been by me had this assignment and transfer not 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 sand interest as aforesaid and to obtain or maintain Letters.	ATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of its principal office at Saint Paul, Minnesota, its successors and said invention and application, and in and to any division or d in and to any and all improvements in the said invention made approvement is made during, or within one year after the d any of its existing or future subsidiaries), and in and to any and ons thereof, of the United States of America and countries foreign Utility Models, or Inventors' Certificates in foreign countries in its gn applications to which such applications are entitled under have been or may be granted thereon or on any divisional, on, reissue, or other or further application based in whole or in to be held and enjoyed as fully and exclusively as they would been made; s, and administrators, to execute and deliver without further ad documents, and to perform such other acts as I lawfully may, uccessors, assigns, and nominees, fully to secure its right, title, ers Patent, Utility Models, or Inventors' Certificates in any and all
countries; and do hereby authorize and request the Commissioner of granted upon any of the said applications, to said 3M Ir litte, and interest therein.	f Patents to issue any and all Letters Patent which may be movative Properties Company, as the assignee of the entire right,
Legal Name of Inventor:	
MATTHEW D. WILDING	00000000000000000000000000000000000000
Inventor's Signature:	Date:
Mathe D. Willing	2/6/2018

Case No:

76915US006

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:

DURABLE RETROREFLECTIVE ELEMENTS WIT	H A BLEND OF BEADS
The specification of which:	
☑ is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. [SEPTEMBER 6, 2016]	PCT/US2016/050395
The above-identified application was made or authorized to be made by me	3.
I hereby acknowledge that any willful false statement made in this declaration fine or imprisonment of not more than 5 years, or both.	on is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which is acknow and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIE 3M COMPANY, and a corporation of Delaware, having its principal office at assigns, the entire right, title, and interest in and to the said invention and a continuation (in whole or in part) of said application, and in and to any and by me or made jointly with others (provided any such improvement is made termination of, my employment with 3M COMPANY and any of its existing call Letters Patent, reexaminations, reissues, or extensions thereof, of the Uthereto (including the right to apply for Letters Patent, Utility Models, or Inversional conventions, treaties, or otherwise), which have been or may be continuation (in whole or in part), renewal, reexamination, reissue, or other part upon the said invention or improvements thereon, to be held and enjoy have been by me had this assignment and transfer not been made;	S COMPANY, a wholly-owned subsidiary of t Saint Paul, Minnesota, its successors and application, and in and to any division or all improvements in the said invention made a during, or within one year after the or future subsidiaries), and in and to any and nited States of America and countries foreign entors' Certificates in foreign countries in its hich such applications are entitled under be granted thereon or on any divisional, or further application based in whole or in
I do further agree for myself and for my heirs, executors, and administrators consideration any further applications, assignments, and documents, and to that may be deemed necessary by said Company, its successors, assigns, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Mccountries; and	o perform such other acts as I lawfully may, and nominees, fully to secure its right, title,
I do hereby authorize and request the Commissioner of Patents to issue an granted upon any of the said applications, to said 3M Innovative Properties title, and interest therein.	
Legal Name of Inventor:	
STEPHEN L. LIEDER	Name of the Control o
Inventor's Signature: Date:	
1-00 // W)// // // // // // // // // // // // //	-18

Case No:

76915US006

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:

application and for	which a patent is sought on the invention	n entitled:
DUR	ABLE RETROREFLECTIVE ELI	EMENTS WITH A BLEND OF BEADS
The specification o	of which:	
is attached he	ereto;	
was filed on as United Sta	ites Application No.	
is identified a filed on	s PCT International Application No. SEPTEMBER 6, 2016	PCT/US2016/050395
The above-identific	ed application was made or authorized to	o be made by me.
		e in this declaration is punishable under 18 U.S.C. 1001 by
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		
Legal Name of In		
EUGENE H. C		N. DLe-
Inventor's Signati	ure:	Date: 2,/14/201%
W. T.	A A Commence of the Commence o	27/17/2018

Case No:

76915US006

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:

DURABLE RETROREFLECTIVE ELEMENTS WITH A BLEND OF BEADS
The specification of which:
⊠ is attached hereto;
was filed on as United States Application No.
is identified as PCT International Application No. PCT/US2016/050395 filed on SEPTEMBER 6, 2016
The above-identified application was made or authorized to be made by me.
I hereby 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), itenewal, 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
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:
KENTON D. BUDD
Inventor's Signature: Santon O. Bull Date: 1/19/20/8

PATENT

REEL: 045162 FRAME: 0790

Case No:

76915US006

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:

DURA	BLE RETROREFLECTIVE ELI	EMENTS WITH A BLEND OF BEADS
The specification of	which:	
is attached her		
was filed on as United State	es Application No.	
is identified as filed on	PCT International Application No. SEPTEMBER 6, 2016	PCT/US2016/050395
The above-identified	i application was made or authorized to	o be made by me.
	ge that any willful false statement made t of not more than 5 years, or both.	e in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assig 3M COMPANY, and assigns, the entire recontinuation (in who by me or made joint termination of, my eall Letters Patent, rethereto (including thown name and to clinternational convercontinuation (in who part upon the said in	In and transfer unto the 3M INNOVATI I a corporation of Delaware, having its ight, title, and interest in and to the said ile or in part) of said application, and in Ity with others (provided any such impro- mployment with 3M COMPANY and and examinations, reissues, or extensions e right to apply for Letters Patent, Utility aim any priority rights for such foreign attions, treaties, or otherwise), which have alle or in part), renewal, reexamination,	which is acknowledged, I have agreed to assign and transfer VE PROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and d invention and application, and in and to any division or and to any and all improvements in the said invention made overment is made during, or within one year after the any of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign y Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under we 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 an made;
consideration any futhat may be deemed	irther applications, assignments, and d d necessary by said Company, its succ	nd administrators, to execute and deliver without further locuments, and to perform such other acts as I lawfully may, essors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and all
	f the said applications, to said 3M Inno	atents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire right
Legal Name of Inv	entor:	
JOSEPH D. EN		2000
Inventor's Signatur	e. Dengalata	Date: 2/6/20/8

PATENT REEL: 045162 FRAME: 0791

RECORDED: 03/09/2018