504890836 04/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4937578

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN J. ANDERSON	04/16/2018
GREGORY P. SORENSON	03/27/2018
ILYA GORODISHER	03/27/2018

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:	15772108

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: cmwagner01@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:	77048US007
NAME OF SUBMITTER:	COLLEEN M. WAGNER
SIGNATURE:	/Colleen M. Wagner/
DATE SIGNED:	04/30/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 504890836 REEL: 045664 FRAME: 0575

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

Case No:

77048US007

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:
Benzoxazine and Phthalonitrile Resin Blends
The specification of which:
is attached hereto;
was filed on as United States Application No.
is identified as PCT International Application No. filed on December 5, 2016 PCT/US2016/064902
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, titte, 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 a 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:
Benjamin J. Anderson
Inventor's Signature: Date:
Benjawin J Culleton 4/16/18

PATENT REEL: 045664 FRAME: 0576

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

Case No:

77048US007

As a be	low named	inventor,	l believe l	am an	original	inventor	or an	original	joint	inventor	of a c	laimed	invention	in the
applicat	ion and for	which a pa	atent is so	ought or	i the inv	ention er	ititled:							

Benzoxazine and Phthalonitrile Resin Blends					
The specification of which: is attached hereto;					
was filed on as United States Application No.					
is identified as PCT International Application No. filed on December 5, 2016	PCT/US2016/064902				

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), 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:	
Gregory P. Sorenson	
Inventor's Signature:	Date:
Gragory P. Summ	03/27/2018

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

Case No:

77048US007

Benzoxazine and Phthaloni	trile Resin Blends
The specification of which:	
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was filed on as United States Application No.	
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The above-identified application was made or authorized to be made	ade by me.
I hereby acknowledge that any willful false statement made in this fine or imprisonment of not more than 5 years, or both.	declaration is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which and do hereby assign and transfer unto the 3M INNOVATIVE PRI 3M COMPANY, and a corporation of Delaware, having its principal assigns, the entire right, title, and interest in and to the said inverse continuation (in whole or in part) of said application, and in and to by me or made jointly with others (provided any such improvement termination of, my employment with 3M COMPANY and any of its all Letters Patent, reexaminations, reissues, or extensions thereof thereto (including the right to apply for Letters Patent, Utility Mode own name and to claim any priority rights for such foreign applicatinternational conventions, treaties, or otherwise), which have been continuation (in whole or in part), renewal, reexamination, reissue part upon the said invention or improvements thereon, to be held have been by me had this assignment and transfer not been made.	OPERTIES COMPANY, a wholly-owned subsidiary of all office at Saint Paul, Minnesota, its successors and tion and application, and in and to any division or any and all improvements in the said invention made at its made during, or within one year after the existing or future subsidiaries), and in and to any and for the United States of America and countries foreignels, or Inventors' Certificates in foreign countries in its tions to which such applications are entitled under nor may be granted thereon or on any divisional, or other or further application based in whole or in and enjoyed as fully and exclusively as they would e:
I do further agree for myself and for my heirs, executors, and admiconsideration any further applications, assignments, and document that may be deemed necessary by said Company, its successors and interest as aforesaid and to obtain or maintain Letters Patent, countries; and	nts, and to perform such other acts as I lawfully may, assigns, and nominees, fully to secure its right, title.
I do hereby authorize and request the Commissioner of Patents to granted upon any of the said applications, to said 3M Innovative F title, and interest therein.	o issue any and all Letters Patent which may be Properties Company, as the assignee of the entire right,
Legal Name of Inventor:	
Ilya Gorodisher	

Date:

MARCH 27 , 2018

PATENT REEL: 045664 FRAME: 0578

RECORDED: 04/30/2018

Inventor's Signature: