506000301 04/03/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6047011

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD E. RABY	10/30/2019
CHAODI LI	10/28/2019
MICHAEL K. DOMROESE	10/28/2019

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:	16753554

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: rcbode@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:	79773US004
NAME OF SUBMITTER:	REBECCA BODE
SIGNATURE:	/REBECCA BODE/
DATE SIGNED:	04/03/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT** REEL: 052313 FRAME: 0927 506000301

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

Case No:

79773

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:

•	
REMOVABLE DENTAL APPLIANCE INCLUDING SPRING BELL	.ows
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. PCT/IB2018/057159	9
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 und fine or imprisonment of not more than 5 years, or both.	der 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which is acknowledged, I have agree and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a who 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minness assigns, the entire right, title, and interest in and to the said invention and application, and in an continuation (in whole or in part) of said application, and in and to any and all improvements in the by me or made jointly with others (provided any such improvement is made during, or within on termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of Ameritance (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in own name and to claim any priority rights for such foreign applications to which such application international conventions, treaties, or otherwise), which have been or may be granted thereon continuation (in whole or in part), renewal, reexamination, reissue, or other or further application part upon the said invention or improvements thereon, to be held and enjoyed as fully and excluded been by me had this assignment and transfer not been rnade;	olly-owned subsidiary of ota, its successors and ot to any division or the said invention made e year after the s), and in and to any and rica and countries foreign foreign countries in its are entitled under or on any divisional, a based in whole or in
I do further agree for myself and for my heirs, executors, and administrators, to execute and de consideration any further applications, assignments, and documents, and to perform such other that may be deemed necessary by said Company, its successors, assigns, and nominees, fully and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Countries; and	r acts as I lawfully may, to secure its right, title,
I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Pat granted upon any of the said applications, to said 3M Innovative Properties Company, as the as title, and interest therein.	
Legal Name of Inventor:	
Richard E. Raby	
Inventor's Signature: Date: 10/30/2019	

PATENT REEL: 052313 FRAME: 0928

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

Case No:

79773

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:

REMOVABLE DENTAL APPLIANC	E INCLUDING SPRING BELLOWS
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on September 18, 2018	PCT/IB2018/057159
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 by me or made jointly with others (provided any such impro- termination of, my employment with 3M COMPANY and an	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 y of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign 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, 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, ar 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 is countries; and	ocuments, and to perform such other acts as I lawfully may,
I do hereby authorize and request the Commissioner of Pal granted upon any of the said applications, to said 3M Innov title, and interest therein.	tents to issue any and all Letters Patent which may be rative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Chaodi Li	
Inventor's Signature:	Date:
Column -	10/28/2019

REEL: 052313 FRAME: 0929

DECLARATION AND ASSIGNMEN	Т,
FOR UTILITY OR DESIGN	
PATENT APPLICATION (37 CFR § 1	.63)

RECORDED: 04/03/2020

Case No:

79773

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:

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REMOVABLE DENTAL APPLIANC	E INCLUDING SPRING BELLOWS
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on September 18, 2018	PCT/lB2018/057159
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 INNOVATIVE 3M 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 improtermination of, my employment with 3M COMPANY and an all Letters Patent, reexaminations, reissues, or extensions thereto (including the right to apply for Letters Patent, Utility 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, repart upon the said invention or improvements thereon, to be have been by me had this assignment and transfer not been I do further agree for myself and for my heirs, executors, and	and to any and all improvements in the said invention made overment is made during, or within one year after the lay 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 the held and enjoyed as fully and exclusively as they would be made;
that may be deemed necessary by said Company, its succ	essors, 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 Pa granted upon any of the said applications, to said 3M Innov title, and interest therein.	tents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Michael K. Domroese	
Inventor's Signature:	Date:
male	10-28-2019

PATENT

REEL: 052313 FRAME: 0930