504970234 06/21/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5016980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FABIAN STOLZENBURG	04/05/2018
QIN LIN	04/05/2018
NOAH O. SHANTI	04/05/2018
MARC D. RADCLIFFE	04/06/2018
RONALD W. GERDES	05/29/2018

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	PO BOX 33427
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16064501

CORRESPONDENCE DATA

Fax Number: (651)733-6750

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: jlanderson6@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

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

Tatal Attackments 5	
	This document serves as an Oath/Declaration (37 CFR 1.63).
DATE SIGNED:	06/21/2018
SIGNATURE:	/Jamie L. Anderson/
NAME OF SUBMITTER:	JAMIE L. ANDERSON
ATTORNEY DOCKET NUMBER:	76363US007

Total Attachments: 5

PATENT REEL: 046155 FRAME: 0086

504970234



Case No:

76363US007

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:

	ACOUSTICALLY	ACTIVE ART	TICLES
The specification of wh	hich:		
is attached hereto	o;		
was filed on as United States	Application No.		
⊠ is identified as P0 filed on	CT International Application No. December 22, 2016		PCT/US2016/068275
The above-identified a	application was made or authorized	to be made by	ņe.
	that any willful false statement ma of not more than 5 years, or both.	de in this declar	ation is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and a assigns, the entire righ continuation (in whole by me or made jointly termination of, my empall Letters Patent, reex thereto (including the rown name and to claim international convention continuation (in whole part upon the said invehave been by me had	and transfer unto the 3M INNOVA a corporation of Delaware, having it ht, title, and interest in and to the se or in part) of said application, and with others (provided any such imployment with 3M COMPANY and xaminations, reissues, or extension right to apply for Letters Patent, Ut many priority rights for such foreigons, treaties, or otherwise), which le or in part), renewal, reexamination ention or improvements thereon, to this assignment and transfer not be	TIVE PROPERT is principal office aid invention and in any an provement is may any of its existing its thereof, of the litty Models, or Ir in applications to nave been or may be held and engen made;	wiledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or dall improvements in the said invention made de during, or within one year after the g or future subsidiaries), and in and to any and United States of America and countries foreign eventors' Certificates in foreign countries in its which such applications are entitled under y be granted thereon or on any divisional, are or further application based in whole or in oyed as fully and exclusively as they would
consideration any furth	her applications, assignments, and necessary by said Company, its su	documents, and ccessors, assign	ors, to execute and deliver without further I to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
I do hereby authorize a granted upon any of th title, and interest there	he said applications, to said 3M Inr	Patents to issue lovative Properti	any and all Letters Patent which may be es Company, as the assignee of the entire right
Legal Name of Inven	ntor:	<u> </u>	
Fabian Stolzen			j
Inventor's Signature:		Date:	
Flux	W	9/	5/18

Case No:

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The above-identified a	application was made or authorized	to be made by i	me,
fine or imprisonment of	of not more than 5 years, or both.		ation is punishable under 18 U.S.C. 1001 by owledged, I have agreed to assign and transfer
3M COMPANY, and a assigns, the entire rigil continuation (in whole by me or made jointly termination of, my em all Letters Patent, ree; thereto (including the own name and to clair international conventionation (in whole part upon the said invenave been by me had	corporation of Delaware, having it title, and interest in and to the same or in part) of said application, and with others (provided any such imployment with 3M COMPANY and examinations, reissues, or extension right to apply for Letters Patent, Utim any priority rights for such foreignous, treaties, or otherwise), which have in part), renewal, reexamination ention or improvements thereon, to this assignment and transfer not be	s principal office aid invention and in and to any an provement is ma any of its existing as thereof, of the lility Models, or Ir applications to nave been or ma a, reissue, or othe be held and enj een made;	TES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and dapplication, and in and to any division or ad all improvements in the said invention made de during, or within one year after the g or future subsidiaries), and in and to any and United States of America and countries foreign eventors' Certificates in foreign countries in its which such applications are entitled under by be granted thereon or on any divisional, er or further application based in whole or in joyed as fully and exclusively as they would
consideration any furt that may be deemed r	her applications, assignments, and necessary by said Company, its su	documents, and ccessors, assign	ors, to execute and deliver without further d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
I do hereby authorize granted upon any of ti title, and interest there	ne said applications, to said 3M Inn	Patents to issue ovative Properti	any and all Letters Patent which may be es Company, as the assignee of the entire right
Legal Name of Inven	itor:		
Qin Lin			
Inventor's Signature	7	.Date:	
		04/0	15/2018

Case No:

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	hat any willful false statement made not more than 5 years, or both.	in this decla	ration is punishable under 18 U.S.C. 1001 by
and do hereby assign a 3M COMPANY, and a assigns, the entire right continuation (in whole oby me or made jointly vitermination of, my empall Letters Patent, reexist thereto (including the right own name and to claim international convention continuation (in whole opart upon the said inve	and transfer unto the 3M INNOVATIVeorporation of Delaware, having its part, title, and interest in and to the said or in part) of said application, and in with others (provided any such improloyment with 3M COMPANY and an aminations, reissues, or extensions to ght to apply for Letters Patent, Utility any priority rights for such foreign ans, treaties, or otherwise), which haver in part), renewal, reexamination, re	VE PROPER officion and to any and to any and to any and to any and the vertical properties of the vertical properties and the vertical propert	nowledged, I have agreed to assign and transfer TIES COMPANY, a wholly-owned subsidiary of e at Saint Paul, Minnesota, its successors and id application, and in and to any division or and all improvements in the said invention made ade during, or within one year after the age or future subsidiaries), and in and to any and e United States of America and countries foreign nventors' Certificates in foreign countries in its of which such applications are entitled under any be granted thereon or on any divisional, there or further application based in whole or in anjoyed as fully and exclusively as they would
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	e said applications, to said 3M Innov		any and all Letters Patent which may be ies Company, as the assignee of the entire righ
Legal Name of Invent	Ori	<u></u>	
Noah O. Shanti			
Inventor's Signature:		Date:	
1400			12018

Case No:

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The above-identified	application was made or author	rized to be made by	me.
fine or imprisonment In addition, for good and do hereby assig 3M COMPANY, and assigns, the entire ri continuation (in who by me or made jointl termination of, my er all Letters Patent, re thereto (including the own name and to cla international conven continuation (in who part upon the said in have been by me ha	and valuable consideration, rec n and transfer unto the 3M INNO a corporation of Delaware, havinght, title, and interest in and to the or in part) of said application, by with others (provided any such applications, reissues, or extere right to apply for Letters Paternam any priority rights for such for tions, treaties, or otherwise), while or in part), renewal, reexamination or improvements there and this assignment and transfer	th. eipt of which is ack: DVATIVE PROPER ing its principal offic he said invention as and in and to any a h improvement is m and any of its exist nsions thereof, of th it, Utility Models, or oreign applications i nich have been or m eation, reissue, or of on, to be held and e not been made;	nowledged. I have agreed to assign and transfer TIES COMPANY, a wholly-owned subsidiary of the at Saint Paul, Minnesota, its successors and application, and in and to any division or and all improvements in the said invention made lade during, or within one year after the sing or future subsidiaries), and in and to any and the United States of America and countries foreign Inventors' Certificates in foreign countries in its to which such applications are entitled under may be granted thereon or on any divisional, ther or further application based in whole or in injoyed as fully and exclusively as they would
consideration any fu	irther applications, assignments I necessary by said Company, i	, and documents, a ts successors, assi	ators, to execute and deliver without further nd to perform such other acts as I lawfully may, gns, and nominees, fully to secure its right, title, y Models, or Inventors' Certificates in any and all
I do hereby authoriz granted upon any of title, and interest the	f the said applications, to said 3i	er of Patents to issu M Innovative Prope	e any and all Letters Patent which may be rties Company, as the assignee of the entire right
Legal Name of Inv	entor:	<u> </u>	
Marc D. Rado			
Inventor's Signatu	re:	Date:	/6/2018

Case No:

76363US007

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:

ACQUETIONLY	OTIVE ADTIOLES
ACOUSTICALLY A	CTIVE ARTICLES
The specification of which:	
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was filed on as United States Application No.	
is identified as PCT International Application No. filed on December 22, 2016	PCT/US2016/068275
The above-identified application was made or authorized to	be made by me.
and do hereby assign and transfer unto the 3M INNOVATING 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 to	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 I invention and application, and in and to any division or and to any and all improvements in the said invention made expensed in made during, or within one year after the sy 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 a held and enjoyed as fully and exclusively as they would
that may be deemed necessary by said Company, its succe	nd administrators, to execute and deliver without further ocuments, 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
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 vative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Ronald W. Gerdes	ł
Inventor's Signature:	Date:
Romand no Dender	5/29/18

PATENT REEL: 046155 FRAME: 0092

RECORDED: 06/21/2018