PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4093925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHIHISA MATSUDA	09/21/2016
KRISTOPHER K. BIEGLER	09/26/2016
RYAN M. LUEPKE	10/12/2016
THOMAS J. GILBERT	09/30/2016
HIROSHI SAKURAI	09/21/2016

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:	15303645

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: jmcourtney@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: P.O. BOX 33427

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

ATTORNEY DOCKET NUMBER:	75171US012
NAME OF SUBMITTER:	JOYCE M. COUTNEY
SIGNATURE:	/Joyce M. Courtney/
DATE SIGNED:	10/12/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
	•

Total Attachments: 5

PATENT REEL: 039998 FRAME: 0438

504047263

source=DeclarationAssignment_signed_75171US012#page1.tif source=DeclarationAssignment_signed_75171US012#page2.tif source=DeclarationAssignment_signed_75171US012#page3.tif source=DeclarationAssignment_signed_75171US012#page4.tif source=DeclarationAssignment_signed_75171US012#page5.tif

Case No:

75171US012

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:

	FIXING MEMBER A	ND ABSORBENT ARTICLE	
The specification of	which:		
is attached her	eto;		
was filed on as United State	s Application No.		-
is identified as filed on	PCT International Application No. April 10, 2015	PCT/US2015/025260	
The above-identified	l application was made or authori	ed to be made by me.	
fine or imprisonment in addition, for good 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 the own name and to clinternational convercontinuation (in who part upon the said in	and valuable consideration, rece in and transfer unto the 3M INNO is a corporation of Delaware, havir light, title, and interest in and to the lie or in part) of said application, a ly with others (provided any such imployment with 3M COMPANY a examinations, reissues, or exten- ie right to apply for Letters Patent aim any priority rights for such for titions, freaties, or otherwise), while or in part), renewal, reexamina	pt of which is acknowledged, I have agreed to assign and trans /ATIVE PROPERTIES COMPANY, a wholly-owned subsidiary g its principal office at Saint Paul, Minnesota, its successors and said invention and application, and in and to any division or and in and to any and all improvements in the said invention mad improvement is made during, or within one year after the and any of its existing or future subsidiaries), and in and to any a ions thereof, of the United States of America and countries fore Utility Models, or Inventors' Certificates in foreign countries in its ign applications to which such applications are entitled under h have been or may be granted thereon or on any divisional, ion, reissue, or other or further application based in whole or in, to be held and enjoyed as fully and exclusively as they would	fer of d ie nd
consideration any futhat may be deeme	irther applications, assignments, d necessary by said Company, its	irs, and administrators, to execute and deliver without further and documents, and to perform such other acts as I lawfully may successors, assigns, and nominees, fully to secure its right, title tters Patent, Utility Models, or Inventors' Certificates in any and	e,
I do hereby authoriz granted upon any o title, and interest the	f the said applications, to said 3M	of Patents to issue any and all Letters Patent which may be Innovative Properties Company, as the assignee of the entire r	gh
Legal Name of Inv	entor:		
Yoshihisa Mat	suda		
Inventor's Signatu	re:	Date:	eaunn.
Yochila	ca Mataula	September 21, 2016	

Case No:

75171US012

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 w	hich a patent is sought on the inventi	on entitled	
	FIXING MEMBER AND	ABSORBENT	ARTICLE
The specification of v	vhich:		
is attached here	to;		
was filed on as United States	s Application No.		
is identified as F	PCT International Application No. April 10, 2015	P	CT/US2015/025260
The above-identified	application was made or authorized t	o be made by me.	
	e that any willful false statement mad of not more than 5 years, or both.	e in this declaration	is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and assigns, the entire rig continuation (in whole by me or made jointly termination of, my en all Letters Patent, re- thereto (including the own name and to cla international convent continuation (in whole part upon the said in	n and transfer unto the 3M INNOVAT a corporation of Delaware, having its pht, title, and interest in and to the sail e or in part) of said application, and ir y with others (provided any such improployment with 3M COMPANY and a examinations, reissues, or extensions right to apply for Letters Patent, Utili im any priority rights for such foreign ions, treaties, or otherwise), which has e or in part), renewal, reexamination,	IVE PROPERTIES principal office at S d invention and apply and to any and all ovement is made d ny of its existing or thereof, of the Unity Models, or Invendapplications to while been or may be reissue, or other or held and enjoyed.	dged, I have agreed to assign and transfer COMPANY, a wholly-owned subsidiary of Saint Paul, Minnesota, its successors and clication, and in and to any division or improvements in the said invention made luring, or within one year after the future subsidiaries), and in and to any and ted States of America and countries foreign tors' Certificates in foreign countries in its ch such applications are entitled under granted thereon or on any divisional, further application based in whole or in d as fully and exclusively as they would
consideration any fur that may be deemed	ther applications, assignments, and onecessary by said Company, its suc-	locuments, and to pessors, assigns, a	to execute and deliver without further perform such other acts as I lawfully may, and nominees, fully to secure its right, title, els, or Inventors' Certificates in any and all
			and all Letters Patent which may be company, as the assignee of the entire right,
Legal Name of Inve	ntor:		
Kristopher K. E	liegler		
Inventor's Signature		Date: 9 - 26 -	16

Case No:

75171US012

As a below named in	ventor, I believe I ar	an original inventor	r or an original join	it inventor of a claimed	d invention in the
application and for wl	hich a patent is soug	nt on the invention e	ntitled:		

	FIXING MEMBER AND ABS	ORBENT ARTICLE
he specification o	f which:	
is attached he	reto:	
was filed on	tes Application No.	
as United Sta	les Application no.	
is identified at filed on	s PCT International Application No. April 10, 2015	PCT/US2015/025260
The above-identific	ed application was made or authorized to be r	nade by me.
	dge that any willful false statement made in th nt of not more than 5 years, or both.	ilis declaration is punishable under 18 U.S.C. 1001 by
and do hereby ass 3M COMPANY, ar assigns, the entire	ign and transfer unto the 3M INNOVATIVE P id a corporation of Delaware, having its princi right, title, and interest in and to the sald inve	n is acknowledged, I have agreed to assign and transfer ROPERTIES COMPANY, a wholly-owned subsidiary of pall office at Saint Paul, Minnesota, its successors and intion and application, and in and to any division or to apply and all improvements in the said invention made.

continuation (in whole or in part) of said application, and in and to any and all improvements in the said in 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: Ryan M. Luepke		
Inventor's Signature:	Date: 10/12/2016	

Case No:

75171US012

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	ch a patent is sought on the inventio	on entitled:	
	FIXING MEMBER AND	ABSORBE	NT ARTICLE
The specification of wh	ich:		
is attached hereto	je. V		
was filed on as United States A	Application No.		
is identified as PC filed on	T International Application No. April 10, 2015		PCT/US2015/025260
The above-identified at	oplication was made or authorized to	o be made by i	me.
	that any willful faise statement made f not more than 5 years, or both.	e in this declar	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 or by me or made jointly watermination of, my emp all Letters Patent, reexist thereto (including the rial own name and to claim international convention continuation (in whole or part upon the said inve	and transfer unto the 3M INNOVATI' corporation of Delaware, having its in the title, and interest in and to the said or in part) of said application, and in with others (provided any such improvious and the said application, and are aminations, reissues, or extensions ight to apply for Letters Patent, Utility any priority rights for such foreign and priority rights for such foreign and part), renewal, reexamination, in part), renewal, reexamination, in	VE PROPERT principal office of invention and and to any an overent is many of its existing thereof, of the y Models, or ir applications to we been or mareissue, or other held and enjor invention of the principal of the principa	owledged, I have agreed to assign and transfer FIES 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 ade during, or within one year after the ag or future subsidiaries), and in and to any and a United States of America and countries foreign eventors' Certificates in foreign countries in its which such applications are entitled under ay be granted thereon or on any divisional, were or further application based in whole or in joyed as fully and exclusively as they would
consideration any furth that may be deemed no	er applications, assignments, and decessary by said Company, its succ	ocuments, and essors, assign	tors, 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
	e said applications, to said 3M Innov		any and all Letters Patent which may be les Company, as the assignee of the entire right
Legal Name of Invent	or.	an arithment and a second	
Thomas J. Gilber	rt		
Inventor's Signature:		Date	
Buli	ALCA	19/	30/2016

as United States Application No.

filed on

is identified as PCT International Application No.

April 10, 2015

Case No:

PCT/US2015/025260

75171US012

	rr, I believe I am an original inventor or an original joint inventor of a claimed invention in the patent is sought on the invention entitled:
	FIXING MEMBER AND ABSORBENT ARTICLE
The specification of which:	
is attached hereto;	
☐ was 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 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:	
Hiroshi Sakurai	
Inventor's Signature:	Date:
(Hiroser Sakurai	9/21-2016

PATENT REEL: 039998 FRAME: 0444

RECORDED: 10/12/2016