505773669 11/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5820486

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
GEORGE D CRUICKSHANKS	05/17/2016
DAVID R MISSIMER	05/11/2016
CHRISTOPHER J HOPKINS	06/08/2016
STEVEN C LIN	05/10/2016
THOMAS J FREDERICK	05/10/2016

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	P.O. BOX 33247
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16683691

CORRESPONDENCE DATA

Fax Number: (619)235-0398

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: 6192381900

Email: docketing@procopio.com

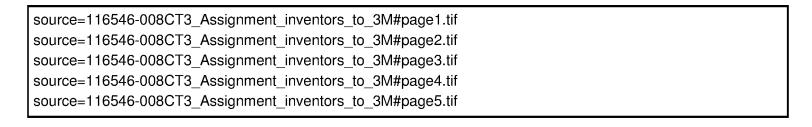
Correspondent Name: PROCOPIO, CORY, HARGREAVES & SAVITCH LLP

Address Line 1: 525 B STREET
Address Line 2: SUITE 2200

Address Line 4: SAN DIEGO, CALIFORNIA 92101

T-1-1 Allh	
DATE SIGNED: 11/14/2019	
SIGNATURE:	/Helen J. Glenister/
NAME OF SUBMITTER:	HELEN J. GLENISTER
ATTORNEY DOCKET NUMBER:	116546-008CT3

Total Attachments: 5



DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN

Case No:

74922US008

PATENT APPLICATION (37 CFR § 1.63)		
As a below named inventor, I believe I am an original inventage application and for which a patent is sought on the invention	tor or an original joint i entitled:	nventor of a claimed invention in the
Mitigating Adjacent RFII	D Reader Interfere	nce
The specification of which:		
is attached hereto;		
was filed on as United States Application No.		
is identified as PCT International Application No. filed on		
The above-identified application was made or authorized to I	be made by me.	
hereby acknowledge that any willful false statement made in ine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of wand do hereby assign and transfer unto the 3M INNOVATIVE SM COMPANY, and a corporation of Delaware, having its pressigns, the entire right, title, and interest in and to the said is continuation (in whole or in part) of said application, and in a by me or made jointly with others (provided any such improvermination of, my employment with 3M COMPANY and any all Letters Patent, reexaminations, reissues, or extensions the hereto (including the right to apply for Letters Patent, Utility I wan name and to claim any priority rights for such foreign appleternational conventions, treaties, or otherwise), which have continuation (in whole or in part), renewal, reexamination, reispate been by me had this assignment and transfer not been and further agree for myself and for my heirs, executors, and	hich is acknowledged, PROPERTIES COMI incipal office at Saint Provention and application to any and all improvement is made during, of its existing or future ereof, of the United Stamodels, or inventors' Coplications to which such been or may be grantissue, or other or further held and enjoyed as furnade;	I have agreed to assign and transfer PANY, a wholly-owned subsidiary of aul, Minnesota, its successors and on, and in and to any division or ovements in the said invention made or within one year after the subsidiaries), and in and to any and ates of America and countries foreign certificates in foreign countries in its thapplications are entitled under ed thereon or on any divisional, or application based in whole or in ally and exclusively as they would
do further agree for myself and for my heirs, executors, and consideration any further applications, assignments, and dochat may be deemed necessary by said Company, its successind interest as aforesaid and to obtain or maintain Letters Pascountries; and	cuments, and to perform ssors, assigns, and nor	n such other acts as I lawfully may, ninees, fully to secure its right, title.
do hereby authorize and request the Commissioner of Pate tranted upon any of the said applications, to said 3M Innova		

granted upon any or the of title, and interest therein.

Legal Name of Inventor: George D. Cruickshanks	
Inventor's Signature: George D. Cariolis Carolia	Date: 5-/17/14

Case No:

74922US008

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:

	Mitigating Adjacent RFI	ID Reader Interference
The specification	n of which:	
is attached	l hereto;	
was filed of as United S	on States Application No.	
is identified filed on	d as PCT International Application No.	
The above-ident	tified application was made or authorized to	be made by me.
I hereby acknow fine or imprisonr	vledge that any willful false statement made i ment of лоt more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby a 3M COMPANY, assigns, the enticontinuation (in by me or made j termination of, n all Letters Paten thereto (includin own name and t international corcontinuation (in part upon the sa	assign and transfer unto the 3M INNOVATIVI, and a corporation of Delaware, having its pritire right, title, and interest in and to the said if whole or in part) of said application, and in a jointly with others (provided any such improving employment with 3M COMPANY and any not, reexaminations, reissues, or extensions the right to apply for Letters Patent, Utility to claim any priority rights for such foreign appropriations, treaties, or otherwise), which have whole or in part), renewal, reexamination, re	which is acknowledged, I have agreed to assign and transfer /E PROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and invention and application, and in and to any division or and to any and all improvements in the said invention made wement is made during, or within one year after the y of its existing or future subsidiaries), and in and to any and hereof, of the United States of America and countries foreign Models, or Inventors' Certificates in foreign countries in its pplications to which such applications are entitled under the 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 in made;
consideration ar that may be dee	ny further applications, assignments, and doc emed necessary by said Company, its succes	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 auth granted upon an title, and interes	ny of the said applications, to said 3M Innova	ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right
Legal Name of	Inventor:	A STATE OF THE STA
David R. Mi		
Inventor's Sign	lature:	Date: 5/11/2016

REEL: 051008 FRAME: 0926

Case No:

74922US008

As a below named inventor, I believe I am an original in application and for which a patent is sought on the inventor.	nventor or an original joint inventor of a claimed invention in the ntion entitled:
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on	
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.	nade in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M INNOV/3M COMPANY, and a corporation of Delaware, having 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 extension thereto (including the right to apply for Letters Patent, U own name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which continuation (in whole or in part), renewal, reexamination	t of which is acknowledged. I have agreed to assign and transfer 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 dany of its existing or future subsidiaries), and in and to any and ons thereof, of the United States of America and countries foreign duffit 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;
consideration any further applications, assignments, an that may be deemed necessary by said Company, its si	s, and administrators, to execute and deliver without further and 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
	Patents to issue any and all Letters Patent which may be inovative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Christopher J. Hopkins	
Inventor's Signature	Date:

Case No:

74922US008

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:

Mitigating Adjacent R	FID Reader Interference
The specification of which:	
⊠ is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on	
The above-identified application was made or authorized	to be made by me.
I hereby acknowledge that any willful false statement ma- fine or imprisonment of not more than 5 years, or both.	de in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M INNOVAT 3M COMPANY, and a corporation of Delaware, having its assigns, the entire right, title, and interest in and to the sacontinuation (in whole or in part) of said application, and by me or made jointly with others (provided any such imptermination of, my employment with 3M COMPANY and sall Letters Patent, reexaminations, reissues, or extension thereto (including the right to apply for Letters Patent, Utiown name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which have been by me had this assignment and transfer not be I 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 such and interest as aforesaid and to obtain or maintain Letter countries; and	any of its existing or future subsidiaries), and in and to any and sthereof, of the United States of America and countries foreign lity Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under ave 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 sen made; and administrators, to execute and deliver without further documents, and to perform such other acts as I lawfully may, accessors, assigns, and nominees, fully to secure its right, title, is Patent, Utility Models, or Inventors' Certificates in any and all
Legal Name of Inventor:	
Steven C. Lin	
Inventor's Signature:	Date;
12 625	5/10/16

Case No:

74922US008

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:

	Mitigating Adjacent RF	FID Reader Interference
The specification of wh	nich:	
is attached hereto	o;	
was filed on as United States.	Application No.	
☐ is identified as PC filed on	OT International Application No.	
The above-identified a	pplication was made or authorized to	o be made by me.
	that any willful false statement made f not more than 5 years, or both.	e in this declaration 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 by me or made jointly termination of, my empall Letters Patent, reex thereto (including the rown name and to claim international conventio continuation (in whole part upon the said investigation).	and transfer unto the 3M INNOVATIP corporation 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 impro- ployment with 3M COMPANY and an aminations, reissues, or extensions ight to apply for Letters Patent, Utility in any priority rights for such foreign and or in part), renewal, reexamination, reins and the said application and	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 overnent is made during, or within one year after the my of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreignly 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 an made;
consideration any furth that may be deemed n	er applications, assignments, and decessary 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
	e said applications, to said 3M Innov	itents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire righ
Legal Name of Invent	Of.	
Thomas J. Frede	rick	
Inventor's Signature:		Date:
-7-2	and the second s	5-10-2016