# 505745373 10/29/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5792186

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUNLONG QIAO	10/29/2019
SAUJIT BANDHU	10/29/2019
KOK HOE LEE	10/29/2019
VINCENT TAN	08/26/2019

### **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:	16666497

#### **CORRESPONDENCE DATA**

Fax Number:

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: mekosloski@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: 81370US003	
NAME OF SUBMITTER:	MYCKI E. KOSLOSKI
SIGNATURE:	/Mycki E. Kosloski/
DATE SIGNED:	10/29/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 4** 

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source=Executed Declaration-Assignment 81370US003#page2.tif source=Executed Declaration-Assignment 81370US003#page3.tif source=Executed Declaration-Assignment 81370US003#page4.tif

Case No:

81370US003

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:

		HIGH DENS	ITY CONNECTOR A	SSEMBLY
The	specification of wh	ich:		
$\boxtimes$	is attached hereto	(		
	was filed on as United States /	[ Application No.		
	is identified as PC filed on	T International Application	on No.	
The	above-identified ap	oplication was made or a	uthorized to be made by	me.
		that any willful false state not more than 5 years, o		ration is punishable under 18 U.S.C. 1001 by
assicont by nall L then own inter cont part have	COMPANY, and a signs, the entire right tinuation (in whole one or made jointly value or made jointly value of the control of the right tinuation of the control of the cont	corporation of Delaware, t, title, and interest in and interest in and interest in and interest in and with others (provided any loyment with 3M COMP/aminations, reissues, or ght to apply for Letters Pany priority rights for sums, treaties, or otherwise or in part), renewal, reexintion or improvements the assignment and transpare.	having its principal officed to the said invention are tion, and in and to any a such improvement is maken and any of its existive tensions thereof, of the catent, Utility Models, or it can be foreign applications to a which have been or maken amination, reissue, or oil are on, to be held and exister not been made;	TIES COMPANY, a wholly-owned subsidiary of e at Saint Paul, Minnesota, its successors and ad application, and in and to any division or ade during, or within one year after the ing or future subsidiaries), and in and to any and e United States of America and countries foreign inventors' Certificates in foreign countries in its owhich such applications are entitled under ay be granted thereon or on any divisional, her or further application based in whole or in hipoyed as fully and exclusively as they would
con: that and	sideration any furth may be deemed no	er applications, assignments	ents, and documents, ar ny, its successors, assig	lors, to execute and deliver without further id 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
grar		e said applications, to sa		any and all Letters Patent which may be lies Company, as the assignee of the entire right,
Le	gal Name of Invent	or:		
Š	unLong Qiao			
inv	ventor's Signature:		Date:	a lin ha

Case No:

81370US003

	HIGH DENSITY CONNECTOR ASSEMBLY		
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.		
	reby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by or imprisonment of not more than 5 years, or both.		
	ddition, 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 Leiters 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:	
Saujit Bandhu	
Inventor's Signature:	Date
25 min	29-10-19

Case No:

81370US003

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:

HIGH DENSITY CONNECTOR ASSEMBLY		
	NECTOR ASSEMBLY	
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 made fine or imprisonment of not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by	
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 to	and to any and all improvements in the said invention made vement 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 to 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	
that may be deemed necessary by said Company, its succe	ad 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 Pat granted upon any of the said applications, to said 3M Innov title, and interest therein.	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:		
Kok Hoe Lee		
Inventor's Signature:	Date:	
M		
<del>\( \)</del>	29 007 2019	

Case No:

81370US003

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:

HIGH DENSITY CONNECTOR ASSEMBLY		
The specification of which:		
is attached hereto;		
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is identified as PCT International Application No.		

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:	3384
Vincent Tan	
Inventor's Signature:	Date:
Wagner.	26 Aug 2019

PATENT REEL: 050848 FRAME: 0996

**RECORDED: 10/29/2019**