# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3080358

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SIANG SIN FOO	10/23/2014
CHOONG MENG HOW	10/23/2014

#### **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:	14396964

#### **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: lengel@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:	67651US008
NAME OF SUBMITTER:	LINDA ENGEL
SIGNATURE:	/Linda Engel/
DATE SIGNED:	10/24/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 2**

source=executedDeclarationAssignment\_67651US008#page1.tif source=executedDeclarationAssignment\_67651US008#page2.tif

PATENT 503033759 REEL: 034031 FRAME: 0509

DECLARATION AND ASSIGNMENT,
FOR UTILITY OR DESIGN
PATENT APPLICATION (37 CFR § 1.83)

Case No:

67651US008

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:

A FLEXIBLE PF		METHOD C CIRCUIT	F FABRICATING A FLEXIBLE
The specification of which:			
is attached hereto;			
was filed on as United States App	lication No		
図 is identified as PCT tr	nternational Application No. une 29, 2012		PCT/US2012/ <b>044855</b>
The above-identified applic	cation was made or authorized t	o be made by	me.
I hereby acknowledge that fine or imprisonment of not	any willful false statement made t more than 5 years, or both.	e in this decla	ration is punishable under 18 U.S.C. 1001 by
and do hereby assign and 3M COMPANY, and a corp assigns, the entire right, tit continuation (in whole or in by me or made jointly with termination of, my employr all Letters Patent, reexaminated (including the right own name and to claim an international conventions, continuation (in whole or in part upon the said inventionave been by me had this	transfer unto the 3M INNOVATI coration of Delaware, having its le, and interest in and to the said part) of said application, and in others (provided any such impresent with 3M COMPANY and are nations, reissues, or extensions to apply for Letters Patent, Utility priority rights for such foreign treaties, or otherwise), which has part); renewal, reexamination, in or improvements thereon, to be assignment and transfer not be	IVE PROPER principal office divention and to any a covernment is miny of its existing Models, or it applications to the been or mine issue, or other made;	nowledged, I have agreed to assign and transfel 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, there or further application based in whole or in anjoyed as fully and exclusively as they would
consideration any further a	applications, assignments, and dissary by said Company, its succ	tocuments, an cessors, assig	tors, 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
I do hereby authorize and granted upon any of the satitle, and interest therein.	request the Commissioner of Pa aid applications, to said 3M Inno	atents to issue vative Proper	eany and all Letters Patent which may be ties Company, as the assignee of the entire righ
Legal Name of Inventor.	and the second s		
Siang Sin Foo		/	
Inventor's Signature:	4	Date:	+-23,2814

PATENT REEL: 034031 FRAME: 0510 Fill in check boxes as appropriate throughout document

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

Case No:

67651US008

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:

# A FLEXIBLE PRINTED CIRCUIT AND A METHOD OF FABRICATING A FLEXIBLE PRINTED CIRCUIT

The specification	of which:	
is attached he	reto;	
was filed on		
as United S	tates Application No.	
is identified as	PCT International Application No.	PCT/US2012/044855
filed on	June 29, 2012	CHECK if formal papers are for a US 371

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: Choong Meng How	
Inventor's Signature	23 d Oct 2014

An Application Data Sheet naming the entire inventive entity must accompany this form.

PATENT REEL: 034031 FRAME: 0511

**RECORDED: 10/24/2014**