

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3452727

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHENGGUANG QI	04/30/2015
XIGUN MAO	04/30/2015
ZHAOBIN CHENG	06/30/2015
THOMAS J. GILBERT	05/06/2015
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:	14401908
CORRESPONDENCE DATA	
Fax Number:	(651)736-3833
<i>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.</i>	
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:	69839US005
NAME OF SUBMITTER:	JOYCE M. COURTNEY
SIGNATURE:	/Joyce M. Courtney/
DATE SIGNED:	07/23/2015
Total Attachments: 8	
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ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

METHOD OF MAKING A MECHANICAL FASTENER AND APPARATUS INCLUDING A ROLLER WITH PROTRUSIONS

- for which an application for a United States Patent is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No. 14/401908, was filed on May 18, 2012;
- which application is identified as PCT International Patent Application No. PCT/CN2012/075734; filed May 18, 2012;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we 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/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our 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/we 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/We 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.

Given Name (first and middle [if any]): Shengguang	Family Name or Surname: Qi	
Inventor's Signature: <i>Shengguang Qi</i>	Date: <i>2015.4.30</i>	
Residence: Zengcheng City, Guangzhou, PRC	Country: China	Citizenship: People's Republic of China

Given Name (first and middle [if any]): Xijun	Family Name or Surname: Mao	
Inventor's Signature:	Date:	
Residence: Shanghai	Country: China	Citizenship: People's Republic of China

Given Name (first and middle [if any]): Zhaobin	Family Name or Surname: Cheng	
Inventor's Signature:	Date:	
Residence: Guangzhou City, Guangdong Province	Country: China	Citizenship: People's Republic of China

Given Name (first and middle [if any]): Thomas J.	Family Name or Surname: Gilbert	
Inventor's Signature:	Date:	
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America

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Given Name (first and middle [if any]): Xijun	Family Name or Surname: Mao	
Inventor's Signature: <i>Xijun Mao</i>	Date: <i>Apr 30th, 2015</i>	
Residence: Shanghai	Country: China	Citizenship: People's Republic of China

Given Name (first and middle [if any]): Zhaobin	Family Name or Surname: Cheng	
Inventor's Signature:	Date:	
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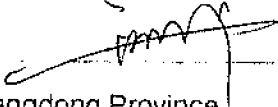
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Inventor's Signature: 	Date: 2015.6.30	
Residence: Guangzhou City, Guangdong Province	Country: China	Citizenship: People's Republic of China

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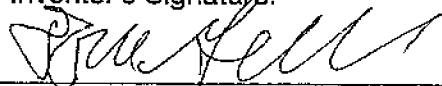
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Inventor's Signature: 	Date: 06 May 2015	
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America