504033721 10/03/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4080383

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUOWEN DING	10/03/2016
DANIEL SCHWEIGERT	10/03/2016

RECEIVING PARTY DATA

Name:	Intermolecular, Inc.
Street Address:	3011 N. First Street
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
Name:	GUARDIAN INDUSTRIES CORP.
Street Address:	2300 HARMON ROAD
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14144915

CORRESPONDENCE DATA

Fax Number: (408)582-5401

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: 4085825533

Email: patents@intermolecular.com
Correspondent Name: INTERMOLECULAR, INC.
Address Line 1: 3011 N. FIRST STREET

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	IM0904_US
NAME OF SUBMITTER:	MANU KASHYAP
SIGNATURE:	/Manu Kashyap/
DATE SIGNED:	10/03/2016

PATENT 504033721 REEL: 039924 FRAME: 0980

Total Attachments: 2

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PATENT REEL: 039924 FRAME: 0981

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

SYSTEMS, METHODS, AND APPARATUS FOR PRODUCTION COATINGS OF LOW-EMISSIVITY GLASS

(Atty. Docket No. IM0904_US) for which we have executed an application for a United States Letters Patent filed on December 31, 2013 having the application number 14/144,915

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to <u>Intermolecular, Inc.</u>, a <u>Delaware</u> corporation having a place of business at <u>3011 N. First Street</u>, <u>San Jose</u>, <u>California 95134 U.S.</u> and <u>Guardian Industries Corp.</u>, having a place of business at <u>2300 Harmon Road</u>, <u>Auburn Hills</u>, <u>Michigan 48326 U.S.</u>, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

1)	Signature: Typed Name:	Quowen DING	Date:
2)	Signature: Typed Name:	JEREMY CHENG	Date:
3)	Signature: Typed Name:	MUHAMMAD IMRAN	Date:
A	Desley N. D.	0004 110	

Attorney Docket No. IM0904_US

PATENT REEL: 039924 FRAME: 0982

4)	Signature: Typed Name:	MINH HUU LE	Date:	
5)	Signature: Typed Name:	DANIEL SCHWEIGERT	Date: 10(3/20) (b
6)	Signature: Typed Name:	YONGLI XU	Date:	
7)	Signature: Typed Name:	GUIZHEN ZHANG	Date:	

Attorney Docket No. IM0904_US

RECORDED: 10/03/2016

PATENT REEL: 039924 FRAME: 0983