PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3148820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKHIL KALYANKAR	12/12/2014
SCOTT JEWHURST	12/15/2014

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:	13803584	

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

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DATE SIGNED:	12/16/2014
SIGNATURE:	/Manu Kashyap/
NAME OF SUBMITTER:	MANU KASHYAP
ATTORNEY DOCKET NUMBER:	IM0879_US

Total Attachments: 2

PATENT **REEL: 034513 FRAME: 0498** source=2014_12_16_IM0879_US_AST#page1.tif source=2014_12_16_IM0879_US_AST#page2.tif

> PATENT REEL: 034513 FRAME: 0499

ASSIGNMENT OF PATENT APPLICATION

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

LIGHT TRAPPING AND ANTIREFLECTIVE COATINGS

(Atty. Docket No. IM0879_US) for which we have executed an application for a United States Letters Patent filed on March 14, 2013 having the application number 13/803,584

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:	NIKHIL KALYANKAR	Date:	
2)	Signature: Typed Name:	Scott gewhurst SCOTT JEWHURST	Date:	15/2014
3)	Signature: Typed Name:	RICHARD BLACKER	Date:	
4)	Signature: Typed Name:	JAMES MULLIGAN	Date:	

Attorney Docket No. IM0879_US

PATENT REEL: 034513 FRAME: 0500

ASSIGNMENT OF PATENT APPLICATION

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

Optical Coatings with Plate-Shaped Particles and Methods for Forming the Same (Atty. Docket No. IM0879_US) for which we have executed an application for a United States Letters Patent filed on March 14, 2013 having the application number 13/803,584

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 Intermolecular, Inc., a Delaware corporation having a place of business at 3011 N. First Street. San Iose, California 95134 U.S. and Guardian Industries Corp., having a place of business at 2300 Harmon Road, Auburn Hills, Michigan 48326 U.S., (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.
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- 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:	NIKHIL KALYANKAR	Date:	12/12/2014
2)	Signature: Typed Name:	SCOIT JEWHURST	Date:	
3)	Signature: Typed Name:	RICHARD BLACKER	Date:	<u> </u>
4)	Signature: Typed Name:	JAMES MULLIGAN	Date:	· <u>····</u>

Attenues Westers & See 18 MOVE 130

RECORDED: 12/16/2014