PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THE UNIVERSITY OF LIVERPOOL	05/25/2012

RECEIVING PARTY DATA

Name:	RASMITA RAVAL	
Street Address:	11 ULLET ROAD	
City:	LIVERPOOL	
State/Country:	GREAT BRITAIN	
Postal Code:	L17 3BL	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7258236

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.

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Correspondent Name: PRASS LLP
Address Line 1: 2661 RIVA ROAD

Address Line 2: BLDG. 1000, SUITE 1044

Address Line 4: ANNAPOLIS, MARYLAND 21401

NAME OF SUBMITTER:

DANIEL A. TANNER, III

SIGNATURE:

/Daniel A. Tanner, III/

DATE SIGNED:

09/30/2014

Total Attachments: 3

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PATENT 502999523 REEL: 033856 FRAME: 0101

THIS AGREEMENT IS deled 25" Mc ZOIZ

PARTIES

- (1) The University of Liverpool of The Foundation Building 765 Brownlow Hill Liverpool L69 7ZX ("Assignor").
- (2) Rasmita Raval, UK citizen, of 11 Ullet Road, Liverpool L17 3BL ("Assignee").

BACKGROUND

- (A) The Assignor is the sole proprietor of and beneficially entitled to an invention entitled Methods and Devices Utilising Adsorption of Chiral Molecules at a Surface or Interface further details of which are annexed to this agreement (Invention).
- (B) The Assignee wishes to obtain full right and title to the Invention, and the Assignor has agreed to assign and transfer all such right and title to the Assignee, to disclose the Invention to the Assignee, and to preserve its confidentiality.

AGREED TERMS

1. ASSIGNMENT

In consideration of the sum of £1 (the receipt of which is hereby acknowledged) the Assignor hereby assigns to the Assignse with full title guarantee all right and title of the Assignor in and to the Invention, all patents and patent rights deriving from the Invention and the full unfettered and exclusive right throughout the world to use the Invention for any purpose whatsoever including without limitation the right to apply for patents and similar protection in any country of the world including applications under the European Patent Convention the Patent Co-operation treaty and any similar regional convention.

2. ASSIGNOR'S OBLIGATIONS

- 2.1 Assignor hereby agrees not without the prior written consent of the Assignee to communicate or otherwise make available the invention to any third party nor use the invention for any purpose save only, and in either case, to the extent that the Assignor can show that the invention:
 - (a) becomes public knowledge other than through any fault of the Assignor, or
 - (b) is received after the date of this agreement by the Assignor from a third party who did not acquire it in confidence from the Assignor or the Assignee or from someone owing a duty of confidence to the Assignor or the Assignee.
- 2.2 The Assignor warrants that, save for the Assignee and certain employees of the Assignor (all of whom are subject to an enforceable obligation of confidentiality), the invention has not been disclosed to any person, firm or company.

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- 2.3 The Assignor shall for a period of 2 year after the date of this Agreement provide the Assignee with such explanations concerning the Invention as the Assignee shall reasonably require.
- 2.4 The Assignor shall at the expense of the Assignee execute and sign all instruments, applications and documents and do all such acts and things as may be required by the Assignee to enable the Assignee or its nominee to enjoy the full benefit of the rights assigned by this Agreement including without limitation to enable the Assignee or its nominee to obtain patents or similar protection for the Invention in any part of the World.
- 2.6 The Assignor shell produce that all employees and officers of the Assignor who have been involved in the creation of the Invention shall promptly on request execute and sign all instruments, applications and documents and do all such acts and things as may be required by the Assignee to enable the Assignee or its nominee to enjoy the full benefit of the rights assigned by this Agreement including without limitation to enable the Assignee or its nominee to obtain patents or similar protection for the invention in any part of the World.
- 2.6 The Assignor hereby waives any rights to the invention which may have arisen from related grant funding and POC agreements with the University, ULive Innovations and ULive Enterprises.

GOVERNING LAW AND JURISDICTION

This agreement and any disputes ensing out of or in connection with its subject matter shall be governed by and interpreted in accordance with the laws of England and the parties hereby submit to the non-exclusive jurisdiction of the English courts.

AS WITNESS the hands of the duly authorised representatives of the parties the day and year stated above.

Executed as a Dead by the Assignor	Signature (s))	40	Marry
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Signed as a dead on behalf of		Ì		
the Assignee [Resmits Reval]	Signatura (s)	•		la

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Annex 1

The invention

"Methods and Devices Utilising Adsorption of Chiral Molecules at a Surface or Interface"

Country	Application Number	Filing Date	Grant Number	Grant Date
РСТ	PCT/GB2003/002271	23May2003		
Europe	03738232.2	23May2003	1507575	17Feb2010
Frence (Ex-EPC)	03738232.2	23May2003	1507575	17Feb2010
Germany (Ex-EPC)	03738232.2	23May2003	1507575 Netional 60331303.5	17Feb2010
Great Britain (Ex-EPC)	03738232.2	23May2003	1507576	17Feb2010
China	03811726.6	23May2003	ZL03811726.6	6Feb2008
Hong Kong	5107228.4	23Mey2002	HK1074810	22Oc12010
South Korea	2004-7018830	23May2003		
USA	10/998,262	23May2003	7258236	21Aug2007

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RECORDED: 09/30/2014