503680260 02/04/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3726896

SUBMISSION TYPE:		N	EW ASSIGNMEN	Т		
NATURE OF CONVEYANCE:		A	ASSIGNMENT			
CONVEYING PARTY	ΔΤΑ					
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HARRY EDWARD MILTON						01/28/2016
SARABJOT KAUR						01/28/2016
JOHN CLIFFORD JONES						01/28/2016
HELEN FRANCES GLEESON						01/28/2016
PHILIP BRUCE MORGAN						01/26/2016
JOHN CLAMP						01/28/2016
RECEIVING PARTY D	ΑΤΑ					
Name:	THE UNIVERSITY OF MANCHESTER					
Street Address:	OXFO	OXFORD ROAD				
City:	MANCI	MANCHESTER				
State/Country:		UNITED KINGDOM				
State/Country.		D KINGL	DOM			
Postal Code:	M13 9F	PL	DOM			
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Total Attachments: 8

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WHEREAS, we, Harry Edward MILTON, Sarabjot KAUR, John Clifford JONES, Helen Frances GLEESON, Philip Bruce MORGAN, and John CLAMP (hereinafter referred to as ASSIGNORS) are joint inventors of an invention entitled "LIQUID CRYSTAL DEVICE AND METHOD OF MANUFACTURE" as described and claimed in the specification forming part of U.S. International Application No. PCT/GB2014/052340 filed July 30, 2014, which claims priority to British Application No. GB 1313778.1 filed August 1, 2013, and British Application No. GB 1410902.9 filed June 19, 2014; and

WHEREAS, **The University of Manchester** (hereinafter referred to as ASSIGNEE), having a place of business at Oxford Road, Manchester, Greater Manchester, M13 9PL, United Kingdom, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS hereby authorize and request the Commissioner for Patents and

Page 1 of 2

Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

<u>28/01/16</u> Date

Bγ Edward WILTON

By ______ Sarabjot KAUR

Date	 By John Clifford JONES
Date	By Helen Frances GLEE
Date	 By Philip Bruce MORGA
	Ву

Date

Date

Frances GLEESON

Bruce MORGAN

John CLAMP

4851-7401-0668.1

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745676-000002US00

PATENT REEL: 037666 FRAME: 0116

WHEREAS, we, Harry Edward MILTON, Sarabjot KAUR, John Clifford JONES, Helen Frances GLEESON, Philip Bruce MORGAN, and John CLAMP (hereinafter referred to as ASSIGNORS) are joint inventors of an invention entitled "LIQUID CRYSTAL DEVICE AND METHOD OF MANUFACTURE" as described and claimed in the specification forming part of U.S. International Application No. PCT/GB2014/052340 filed July 30, 2014, which claims priority to British Application No. GB 1313778.1 filed August 1, 2013, and British Application No. GB 1410902.9 filed June 19, 2014; and

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Page 1 of 2

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Date	By Harry Edward MILTON
Date	By Sarabjot KAUR
Date	By John Clifford JONES By <u>Helen Frances GLEESON</u>
Date	By Philip Bruce MORGAN
Date	By John CLAMP

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745676-000062US00

PATENT REEL: 037666 FRAME: 0118

WHEREAS, we, Harry Edward MILTON, Sarabjot KAUR, John Clifford JONES, Helen Frances GLEESON, Philip Bruce MORGAN, and John CLAMP (hereinafter referred to as ASSIGNORS) are joint inventors of an invention entitled "LIQUID CRYSTAL DEVICE AND METHOD OF MANUFACTURE" as described and claimed in the specification forming part of U.S. International Application No. PCT/GB2014/052340 filed July 30, 2014, which claims priority to British Application No. GB 1313778.1 filed August 1, 2013, and British Application No. GB 1410902.9 filed June 19, 2014; and

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Page 1 of 2

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Date	By Harry Edward MILTON
Date	By Sarabjot KAUR
Date	By John Clifford JONES
Date	By Helen Frances GLEESON
January 210, 2016 Date	By Prilip Bruce MORGAN
Date	By John CLAMP

4951 7401-2668 1

-745576-0000000500

WHEREAS, we, Harry Edward MILTON, Sarabjot KAUR, John Clifford JONES, Helen Frances GLEESON, Philip Bruce MORGAN, and John CLAMP (hereinafter referred to as ASSIGNORS) are joint inventors of an invention entitled "LIQUID CRYSTAL DEVICE AND METHOD OF MANUFACTURE" as described and claimed in the specification forming part of U.S. International Application No. PCT/GB2014/052340 filed July 30, 2014, which claims priority to British Application No. GB 1313778.1 filed August 1, 2013, and British Application No. GB 1410902.9 filed June 19, 2014; and

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Date	By Harry Edward MIL	TON
Date	By Sarabjot KAUR	
Date	By John Clifford JON	ES
Date	By Helen Frances GL	EESON
Date	By Philip Bruce MOR	GAN
<u></u>	By John ELAMP	
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PATENT REEL: 037666 FRAME: 0122

RECORDED: 02/04/2016