

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2779191

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILLIAM CROSSLAND	12/02/2008
NEIL COLLINGS	12/09/2008
EDWARD BUCKLEY	10/22/2008
ADRIAN CABLE	10/13/2008
NICHOLAS LAWRENCE	10/10/2008
PETER MASH	12/05/2008
TIMOTHY WILKINSON	12/19/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CAMBRIDGE ENTERPRISE LIMITED
<b>Street Address:</b>	THE OLD SCHOOLS, CAMBRIDGE
<b>City:</b>	CAMBRIDGESHIRE
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	CB2 1TS
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14149509
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(978)341-0136
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(978)-341-0036
<b>Email:</b>	julie.kertyzak@hbsr.com
<b>Correspondent Name:</b>	TIMOTHY J. MEAGHER, ESQ.
<b>Address Line 1:</b>	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
<b>Address Line 2:</b>	P.O. BOX 9133, 530 VIRGINIA ROAD
<b>Address Line 4:</b>	CONCORD, MASSACHUSETTS 01742-9133
<b>ATTORNEY DOCKET NUMBER:</b>	3808.1005-001
<b>NAME OF SUBMITTER:</b>	JULIE KERTYZAK
<b>SIGNATURE:</b>	/Julie Kertyzak/
<b>DATE SIGNED:</b>	03/17/2014

PATENT

**Total Attachments: 30**

source=38081005001Assignment#page1.tif  
source=38081005001Assignment#page2.tif  
source=38081005001Assignment#page3.tif  
source=38081005001Assignment#page4.tif  
source=38081005001Assignment#page5.tif  
source=38081005001Assignment#page6.tif  
source=38081005001Assignment#page7.tif  
source=38081005001Assignment#page8.tif  
source=38081005001Assignment#page9.tif  
source=38081005001Assignment#page10.tif  
source=38081005001Assignment#page11.tif  
source=38081005001Assignment#page12.tif  
source=38081005001Assignment#page13.tif  
source=38081005001Assignment#page14.tif  
source=38081005001Assignment#page15.tif  
source=38081005001Assignment#page16.tif  
source=38081005001Assignment#page17.tif  
source=38081005001Assignment#page18.tif  
source=38081005001Assignment#page19.tif  
source=38081005001Assignment#page20.tif  
source=38081005001Assignment#page21.tif  
source=38081005001Assignment#page22.tif  
source=38081005001Assignment#page23.tif  
source=38081005001Assignment#page24.tif  
source=38081005001Assignment#page25.tif  
source=38081005001Assignment#page26.tif  
source=38081005001Assignment#page27.tif  
source=38081005001Assignment#page28.tif  
source=38081005001Assignment#page29.tif  
source=38081005001Assignment#page30.tif

# COPY

Joint

## ASSIGNMENT

WHEREAS, we, **William Crossland, Neil Collings, Edward Buckley, Adrian Cable, Nicholas Lawrence, Peter Mash and Timothy Wilkinson**, have invented a certain improvement in **APPARATUS AND METHOD FOR DISPLAYING A VIDEO IMAGE** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. 11/453,332, filed June 14, 2006;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [    ], filed [    ], which designates the United States of America [and assigned United States Application No. [    ]];
- which was patented under United States Patent No. [    ].

WHEREAS, **Cambridge Enterprise Limited**. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom**, and having a usual place of business at **The Old Schools, Cambridge, Cambridgeshire, CB2 1TS, Great Britain** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent

Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor William Crossland Date Dec. 2nd 2007  
 William Crossland

Address 15 School Lane  
Harlow, Essex CM20 2QD, United Kingdom

Witness Signature [Signature]

Print Witness Name ANNA JEZIORSKA

Address ELECTRICAL ENGINEERING DIVISION, UNIVERSITY OF CAMBRIDGE,  
9 JJ THOMSON AVENUE, CAMBRIDGE CB3 0FA, UK

Witness Signature [Signature]

Print Witness Name HUAN XU

Address Electrical Engineering Division, University of Cambridge  
9 JJ Thomson Ave, Cambridge CB3 0FA, UK

Inventor Neil Collings Date 9.12.08.  
Neil Collings

Address 29 Emsons Close  
Linton, Cambridgeshire CB1 6NB, United Kingdom

Witness Signature [Signature]

Print Witness Name A. B. DAVEY

Address 30 ARGYLE ST.  
CAMBRIDGE CB1 3LR

Witness Signature [Signature]

Print Witness Name GEORGINA DOLL

Address 52 PRICKWILLOW ROAD  
ELY, CAMBS CB7 4QT

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Edward Buckley

Address 7 Marmora Road  
Cambridge CB1 3PY, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Adrian Cable

Address Light Blue Optics Ltd., St. John's Innovation Centre, Cowley Road  
Cambridge, CB4 0WS, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Nicholas Lawrence

Address 40 Chatsworth Avenue  
Cambridge CB4 3LT, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Peter Mash

Address Cambridge University Engineering Department, Trumpington Street

Cambridge CB2 1PZ, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Timothy Wilkinson

Address 79 High Street

Cambridge, Trumpington CB2 2HZ, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Buckley

Docket No. 3808.1005-000

Joint

ASSIGNMENT

WHEREAS, we, **William Crossland, Neil Collings, Edward Buckley, Adrian Cable, Nicholas Lawrence, Peter Mash and Timothy Wilkinson**, have invented a certain improvement in **APPARATUS AND METHOD FOR DISPLAYING A VIDEO IMAGE** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. 11/453,332, filed June 14, 2006;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America [and assigned United States Application No. [ ]];
- which was patented under United States Patent No. [ ].

WHEREAS, **Cambridge Enterprise Limited**. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom**, and having a usual place of business at **The Old Schools, Cambridge, Cambridgeshire, CB2 1TS, Great Britain** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent





Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Neil Collings

Address 29 Emsons Close  
Linton, Cambridgeshire CB1 6NB, United Kingdom

Witness Signature \_\_\_\_\_


Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_


Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

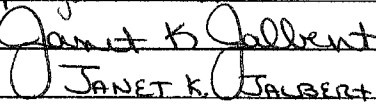
Inventor  Date 22 October 2008  
Edward Buckley

Address 7 Marmora Road  
Cambridge CB1 3PY, United Kingdom

Witness Signature 

Print Witness Name Amanda J. Mann

Address 6250 Maccasin Pass Court  
Colorado Springs CO 80919

Witness Signature 

Print Witness Name JANET K. JALBERT

Address 1301 S. 8<sup>th</sup> STREET #307  
Colorado Springs, CO 80906

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Adrian Cable

Address \_\_\_\_\_  
Light Blue Optics Ltd., St. John's Innovation Centre, Cowley Road

\_\_\_\_\_ Cambridge, CB4 0WS, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Nicholas Lawrence

Address \_\_\_\_\_  
40 Chatsworth Avenue

\_\_\_\_\_ Cambridge CB4 3LT, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Peter Mash

Address Cambridge University Engineering Department, Trumpington Street

Cambridge CB2 1PZ, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Timothy Wilkinson

Address 79 High Street

Cambridge, Trumpington CB2 2HZ, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

JointASSIGNMENT

WHEREAS, we, **William Crossland, Neil Collings, Edward Buckley, Adrian Cable, Nicholas Lawrence, Peter Mash and Timothy Wilkinson**, have invented a certain improvement in **APPARATUS AND METHOD FOR DISPLAYING A VIDEO IMAGE** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. 11/453,332, filed June 14, 2006;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [    ], filed [    ], which designates the United States of America [and assigned United States Application No. [    ]];
- which was patented under United States Patent No. [    ].

WHEREAS, **Cambridge Enterprise Limited.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom**, and having a usual place of business at **The Old Schools, Cambridge, Cambridgeshire, CB2 1TS, Great Britain** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent

Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor \_\_\_\_\_ Date \_\_\_\_\_

William Crossland

Address 15 School Lane \_\_\_\_\_

Harlow, Essex CM20 2QD, United Kingdom \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Neil Collings

Address 29 Emsons Close \_\_\_\_\_

Linton, Cambridgeshire CB1 6NB, United Kingdom \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Edward Buckley

Address 7 Marmora Road \_\_\_\_\_

Cambridge CB1 3PY, United Kingdom \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor A. J. Cable Date 13/OCT/08  
Adrian Cable

Address Light Blue Optics Ltd., <sup>PLATINUM BUILDING, 2ND FLOOR, ST JOHN'S INNOVATION PARK</sup>  
~~St. John's Innovation Centre~~, Cowley Road  
Cambridge, CB4 0WS, United Kingdom AJZ

Witness Signature [Signature]

Print Witness Name WENDY RAE

Address 2 Temple Close  
HUNTINGDON, CAMBS, PE29 3QX

Witness Signature [Signature]

Print Witness Name CJ HARRIS

Address 277 HILLS ROAD, CAMBRIDGE CB28RP.

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Nicholas Lawrence

Address 40 Chatsworth Avenue  
Cambridge CB4 3LT, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_



---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Peter Mash

Address Cambridge University Engineering Department, Trumpington Street

Cambridge CB2 1PZ, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Timothy Wilkinson

Address 79 High Street

Cambridge, Trumpington CB2 2HZ, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

JointASSIGNMENT

WHEREAS, we, **William Crossland, Neil Collings, Edward Buckley, Adrian Cable, Nicholas Lawrence, Peter Mash and Timothy Wilkinson**, have invented a certain improvement in **APPARATUS AND METHOD FOR DISPLAYING A VIDEO IMAGE** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. 11/453,332, filed June 14, 2006;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America [and assigned United States Application No. [ ]];
- which was patented under United States Patent No. [ ].

WHEREAS, **Cambridge Enterprise Limited**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom**, and having a usual place of business at **The Old Schools, Cambridge, Cambridgeshire, CB2 1TS, Great Britain** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent



---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Neil Collings

Address 29 Emsons Close \_\_\_\_\_

Linton, Cambridgeshire CB1 6NB, United Kingdom \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Edward Buckley

Address 7 Marmora Road \_\_\_\_\_

Cambridge CB1 3PY, United Kingdom \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Adrian Cable

Address Light Blue Optics Ltd., St. John's Innovation Centre, Cowley Road  
Cambridge, CB4 0WS, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor Nic Lawrence Date 10/10/08  
Nicholas Lawrence NL

Address ~~40 Chatsworth Avenue~~ 54 LAVENDER ROAD, CAMBRIDGE  
~~Cambridge CB4 3LT, United Kingdom~~ CB4 2PP, United Kingdom

Witness Signature Philip Done

Print Witness Name PHILIP DONE

Address 5 WINDSOR ROAD, CAMBRIDGE, CB4 3JJ, UK

Witness Signature [Signature]

Print Witness Name KEVIN JACOBS

Address 31 ABBEY CLOSE, BURWELL, CAMBS, CB25 0AN

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Peter Mash

Address Cambridge University Engineering Department, Trumpington Street

Cambridge CB2 1PZ, United Kingdom

---

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_

Timothy Wilkinson

Address 79 High Street

Cambridge, Trumpington CB2 2HZ, United Kingdom

---

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Mash

Docket No. 3808.1005-000

Joint

ASSIGNMENT

WHEREAS, we, **William Crossland, Neil Collings, Edward Buckley, Adrian Cable, Nicholas Lawrence, Peter Mash and Timothy Wilkinson**, have invented a certain improvement in **APPARATUS AND METHOD FOR DISPLAYING A VIDEO IMAGE** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. 11/453,332, filed June 14, 2006;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America [and assigned United States Application No. [ ]];
- which was patented under United States Patent No. [ ].

WHEREAS, **Cambridge Enterprise Limited.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom**, and having a usual place of business at **The Old Schools, Cambridge, Cambridgeshire, CB2 1TS, Great Britain** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent





---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Neil Collings

Address 29 Emsons Close \_\_\_\_\_  
Linton, Cambridgeshire CB1 6NB, United Kingdom \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Edward Buckley

Address 7 Marmora Road \_\_\_\_\_  
Cambridge CB1 3PY, United Kingdom \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Adrian Cable

Address Light Blue Optics Ltd., St. John's Innovation Centre, Cowley Road  
Cambridge, CB4 0WS, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Nicholas Lawrence

Address 40 Chatsworth Avenue  
Cambridge CB4 3LT, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor

*[Signature]*  
Peter Mash

Date

05DEC08

Address

~~Cambridge University Engineering Department, Trumpington Street~~

~~Cambridge CB2 1PZ, United Kingdom~~ <sup>Light Blue Optics,</sup> 4775 Centennial Blvd, Colorado Springs, Colorado, 80904, USA

Witness Signature

*[Signature]*

Print Witness Name

Amanda J. Mann

Address

6250 Moccasin Pass Court  
Colorado Springs CO 80919

Witness Signature

*[Signature]*

Print Witness Name

Keith R. Holstine

Address

12220 Milam Road  
Colorado Springs, CO 80908

Inventor

Timothy Wilkinson

Date

Address

79 High Street

Cambridge, Trumpington CB2 2HZ, United Kingdom

Witness Signature

Print Witness Name

Address

Witness Signature

Print Witness Name

Address

Joint

ASSIGNMENT

WHEREAS, we, **William Crossland, Neil Collings, Edward Buckley, Adrian Cable, Nicholas Lawrence, Peter Mash and Timothy Wilkinson**, have invented a certain improvement in **APPARATUS AND METHOD FOR DISPLAYING A VIDEO IMAGE** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. 11/453,332, filed June 14, 2006;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [    ], filed [    ], which designates the United States of America [and assigned United States Application No. [    ]];
- which was patented under United States Patent No. [    ].

WHEREAS, **Cambridge Enterprise Limited.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom**, and having a usual place of business at **The Old Schools, Cambridge, Cambridgeshire, CB2 1TS, Great Britain** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent



---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Neil Collings

Address 29 Emsons Close  
Linton, Cambridgeshire CB1 6NB, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Edward Buckley

Address 7 Marmora Road  
Cambridge CB1 3PY, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Adrian Cable

Address \_\_\_\_\_  
Light Blue Optics Ltd., St. John's Innovation Centre, Cowley Road  
\_\_\_\_\_ Cambridge, CB4 0WS, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Nicholas Lawrence

Address \_\_\_\_\_  
40 Chatsworth Avenue  
\_\_\_\_\_ Cambridge CB4 3LT, United Kingdom

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Peter Mash

Address Cambridge University Engineering Department, Trumpington Street  
Cambridge CB2 1PZ, United Kingdom

Witness Signature \_\_\_\_\_


Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor  (TW) Date 19 DECEMBER 2008  
Timothy Wilkinson

Address ~~79 High Street~~ 1B HIGH ST, WILLINGHAM, CAMBS  
CB24 5ES  
~~Cambridge, Trumpington CB2 2HZ, United Kingdom~~

Witness Signature  (W1)

Print Witness Name STEPHEN NORRIS

Address 163 WELLBROOK WAY, GIRTON, CAMBRIDGE  
CB3 0GL

Witness Signature  (W2)

Print Witness Name JONATHAN P FREEMAN

Address 17 ROSEMARY ROAD, WATERBEACH,  
CAMBRIDGE CB25 9NB