

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Dolby Canada Corporation	12/05/2007

**RECEIVING PARTY DATA**

Name:	Dolby Laboratories Licensing Corporation
Street Address:	100 Potrero Avenue
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94103-4813

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13022632

**CORRESPONDENCE DATA**

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 Address Line 4: Vancouver, CANADA V6B 1G1

ATTORNEY DOCKET NUMBER:	B634 0297/GNM
NAME OF SUBMITTER:	Richard A. Johnson

Total Attachments: 35  
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**PATENT  
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**CONFIRMATION OF ASSIGNMENT AND ASSIGNMENT**

DOLBY CANADA CORPORATION, 2985 Virtual Way, Suite 150, Vancouver, British Columbia, CANADA, V5M 4X7 (the "Assignor"), a corporation incorporated and existing under the laws of Nova Scotia, CANADA hereby confirms that for good and valuable consideration, the receipt and sufficiency of which is acknowledged, has previously assigned (by way of an Assignment entitled "Intellectual Property Assignment Agreement" executed on September 25, 2007), and for greater certainty, to the entire extent that it has not already done so, does hereby assign, to:

DOLBY LABORATORIES LICENSING CORPORATION (the "Assignee"), a New York Corporation, all right, title and interest worldwide in and to:

- the inventions which are the subject of the patents and/or patent applications listed in an attachment entitled Appendix 1, Schedule of Patents (Appendix 1);
- the patents and patent applications listed in Appendix 1; and,
- any other patents, patent applications, invention registrations or the like corresponding to any of the patents and/or patent applications listed in Appendix 1, including, but not limited to, any continuations, divisionals, continuations in part, re-issues, re-examinations, counter-part applications, or the like in any country world-wide.

EXECUTED in San Francisco, California on 12/5 2007 by DOLBY CANADA CORPORATION.

Signature:   
Name of person signing: MARK S ANDERSON  
Title: SVP & Secretary

**STATEMENT OF ACCEPTANCE**

The foregoing Confirmation of Assignment is hereby accepted by the Assignee:

Signature:   
Name of person signing: Lily P. Cheung  
Title: Sr. Intellectual Property Manager,  
Assistant Secretary,

December 6, 2007

Appendix 1

Schedule of Patents

**1. Title: THREE-DIMENSIONAL COLOR SYNTHESIS FOR ENHANCED DISPLAY IMAGE QUALITY**

Filed by Brightside Technologies Inc. United States  
Provisional  
Inventor(s): SILVERSTEIN, Louis D.; PENN, Cecil W.  
(Filed by Inventors) Appin. No. 60/667506  
Appin. Date 01-Apr-2005 Expired

**Title: 3-D COLOR SYNTHESIS DISPLAYS AND METHODS**

Our/Your File Owner Country  
Action(s) Due Due Date Case Type Status Patent No. Priority No.  
B634 0034 Brightside Technologies Inc. Patent Cooperation Treaty 60/667506  
Ordinary Filing 01-Apr-2005  
National Entry 01-Oct-2007  
Inventor(s): SILVERSTEIN, Louis D.; PENN, Cecil W. Pending PCT/CA2006/000511  
Appin. No. 60/667506  
Appin. Date 03-Apr-2006

**2. Title: APPARATUS AND METHODS FOR BOOSTING DYNAMIC RANGE IN DIGITAL IMAGES**

Our/Your File Owner Action(s) Due Country Case Type Due Date Status Appn. No. Appn. Date Patent No. Patent Date Priority No. Priority Date

B634 0046 The University of Bristol United States Provisional Pending 60/867325 27-Nov-2006  
Foreign Filing Due 27-Nov-2007  
US Filing Due 27-Nov-2007  
Inventor(s): BANTERLE, Francesco; LEDDA, Patrick; DEBATTISTA, Kurt; CHALMERS, Alan

**3. Title: HIGH DYNAMIC RANGE DISPLAY DEVICES (Family 1)**

Our/Your File Action(s)	Owner	Due Date	Case Type	Country	Status	Appln. No. Appln. Date	Patent No. Patent Date	Priority No. Priority Date
U008 0510 02-093	The University of British Columbia		United States Provisional		Expired	60/363563 13-Mar-2002		
	Inventor(s):					WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge		
B634 0089 02-093	The University of British Columbia		Patent Cooperation Treaty Ordinary Filing		Natl Phase	PCT/CA2003/000350 13-Mar-2003		60/363563 13-Mar-2002
	Inventor(s):					WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge; GRAHAM, Don		
B634 0004 02-093	The University of British Columbia	13-Mar-2008	Europe Patent Cooperation Treaty		Pending	03707958.9 13-Mar-2003		60/363563 13-Mar-2002
	Next Tax							
	Inventor(s):					WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge; GRAHAM, Don		
B634 0005 02-093	The University of British Columbia		United States Patent Cooperation Treaty		Pending	10/507460 13-Mar-2003		60/363563 13-Mar-2002
	Issue Fee	29-Jun-2007						
	Inventor(s):					WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge; GRAHAM, Don		
B634 0006 02-093	The University of British Columbia		China Patent Cooperation Treaty		Pending	03805791.3 13-Mar-2003		60/363563 13-Mar-2002
	Response	6-Aug-2007						
	Inventor(s):					WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge; GRAHAM, Don		
B634 0007 02-093	The University of British Columbia		Japan Patent Cooperation Treaty		Pending	2003-675176 13-Mar-2003		60/363563 13-Mar-2002
	Inventor(s):					WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge; GRAHAM, Don		

**Title: CALIBRATION OF DISPLAYS HAVING SPATIALLY-VARIABLE BACKLIGHT**

Our/Your File No.	Owner	Country	Status	Appln. No.	Patent No.	Priority No.
02-093	The University of British Columbia	United States	Pending	11/506462		10/507460
	Foreign Filings	Continuation		18-Aug-2007		10-Sep-2004
	14 Month Status Check			18-Oct-2007		
	Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge					

**Title: MOTION-BLUR COMPENSATION IN BACKLIT DISPLAYS**

Our/Your File No.	Owner	Country	Status	Appln. No.	Patent No.	Priority No.
02-093	The University of British Columbia	United States	Pending	11/608771		10/507460
	Priority Claim Due	Continuation		08-Dec-2006		10-Sep-2004
	14 Month Status Check					
	Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge					

**Title: MODIFIED HDR DISPLAY HAVING LOWER COST AND SMALLER FILE SIZE**

Our/Your File No.	Owner	Country	Status	Appln. No.	Patent No.	Priority No.
	The University of British Columbia	United States	Expired	60/340846		
	Inventor(s): SEETZEN, Helge, STUERZLINGER, Wolfgang; WARD, Gregory John; WHITEHEAD, Lorne	Provisional		20-Dec-2001		
	(Filed by UBC)					

**4. Title: HIGH DYNAMIC RANGE DISPLAY DEVICES (Family 2)**

Our/Your File Owner Action(s) Due	Country	Due Date	Case Type	Status	Appln. No. Appln. Date	Patent No. Patent Date	Priority No. Priority Date
The University of British Columbia	United States	60/271563	Provisional	Expired	60/271563 27-Feb-2001		
inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge							
B634 0019 The University of British Columbia	Europe	02701139.4	Patent Cooperation Treaty	Pending	27-Feb-2002		60/271563 27-Feb-2001
00-133							
Next Tax		27-Feb-2008					
inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge							
B634 0020 The University of British Columbia	United States	10/469473	Patent Cooperation Treaty	Granted	10/469473 27-Feb-2002	6891672 10-May-2005	60/271563 27-Feb-2001
00-133							
Reissue		10-May-2007					
Tax Year 4		10-Nov-2008					
Tax Year 8		10-Nov-2012					
Tax Year 12		10-Nov-2016					
inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge							
B634 0021 The University of British Columbia	China	02805551.9	Patent Cooperation Treaty	Pending	02805551.9 27-Feb-2002		60/271563 27-Feb-2001
00-133							
inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge							
B634 0022 The University of British Columbia	Japan	2002-568092	Patent Cooperation Treaty	Pending	2002-568092 27-Feb-2002		60/271563 27-Feb-2001
00-133							
inventor(s): SEETZEN, Helge; WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang							
B634 0024 The University of British Columbia	Hong Kong	05101572.9	PCT Extension	Pending	05101572.9 27-Feb-2002		60/271563 27-Feb-2001
00-133							
First Tax		27-Feb-2011					
inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge							

B634 0028	The University of British Columbia	United States Divisional	Granted	7 106505 12-Sep-2006	11/112428 22-Apr-2005	10/469473 27-Feb-2002
Reissue	12-Sep-2008					
Tax Year 4	12-Mar-2010					
Tax Year 8	12-Mar-2014					
Tax Year 12	12-Mar-2018					
Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge						
B634 0030	The University of British Columbia	United States Continuation	Granted	7 172297 6-Feb-2007	11/351962 10-Feb-2006	10/469473 27-Feb-2002
Reissue	06-Feb-2009					
Tax Year 4	06-Aug-2010					
Tax Year 8	06-Aug-2014					
Tax Year 12	06-Aug-2018					
Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge						
B634 0036	The University of British Columbia	Patent Cooperation Treaty Ordinary Filing	Natl Phase	PCT/CA2002/000255 27-Feb-2002	60/271563 27-Feb-2001	
Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge						
B634 0040 00-133	The University of British Columbia	China Divisional	Pending	10108037.1 26-Jul-2006		02805551.9 27-Feb-2002
Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge						
B634 0067	The University of British Columbia	United States Continuation		11/702839 05-Feb-2007		10/469473 27-Feb-2002
Information Disclosure Statement	05-May-2007					
Foreign Filings	05-Feb-2008					
14 Month Status Check	05-Apr-2008					
Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge						
B634 0090	The University of British Columbia	China Divisional	Pending	200710005841.1 27-Feb-2002		02805551.9 27-Feb-2002
Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; STUERZLINGER, Wolfgang; SEETZEN, Helge						

**5. Title: DIFFUSER FOR LIGHT FROM LIGHT SOURCE ARRAY AND DISPLAYS INCORPORATING SAME**

Our/Your File Action(s) Due	Owner	Country	Due Date	Case Type	Status	Appln. No.	Appln. Date	Patent No.	Patent Date	Priority No.	Priority Date
B634 0013 04-061	The University of British Columbia Inventor(s): WHITEHEAD, Lorne A.	Patent Cooperation Treaty Ordinary Filing			Natl Phase	PCT/CA2005/001111	15-Jul-2005			60/591087	27-Jul-2004
B634 0083	The University of British Columbia Inventor(s): WHITEHEAD, Lorne A.	United States Patent Cooperation Treaty			Pending	11/572812	15-Jul-2005			60/591087	27-Jul-2004
B634 0084	The University of British Columbia Next Tax Deferred Exam Inventor(s): WHITEHEAD, Lorne A.	Canada Patent Cooperation Treaty	15-Jul-2008 15-Jul-2010		Pending	2573689	15-Jul-2005			60/591087	27-Jul-2004
B634 0085	The University of British Columbia Deferred Exam Inventor(s): WHITEHEAD, Lorne A.	Japan Patent Cooperation Treaty	15-Jul-2008		Pending	Unassigned	15-Jul-2005			60/591087	27-Jul-2004
B634 0086	The University of British Columbia Deferred Exam Inventor(s): WHITEHEAD, Lorne A.	South Korea Patent Cooperation Treaty	15-Jul-2010		Pending	2007-7002359	15-Jul-2005			60/591087	27-Jul-2004

**6. Title: UNIFORM PLANAR ILLUMINATING, ASYMMETRICAL DIFFUSER FOR POINT LIGHT SOURCE ARRAY**

Our/Your File No.	Owner	Country	Status	Appln. No.	Patent No.	Priority No.
04-061	The University of British Columbia	United States	Expired	60/591087		
	Inventor(s): WHITEHEAD, Lorne A.	Provisional		27-Jul-2004		
				Due Date	Patent Date	Priority Date

**Title: DIFFUSER FOR LIGHT FROM LIGHT SOURCE ARRAY AND DISPLAYS INCORPORATING SAME**

Our/Your File No.	Owner	Country	Status	Appln. No.	Patent No.	Priority No.
B634 0087	The University of British Columbia	China	Pending	200580025295.7		60/591087
	Request Examination	Patent Cooperation Treaty		15-Jul-2005		27-Jul-2004
	Inventor(s): WHITEHEAD, Lorne A.					
B634 0088	The University of British Columbia	Europe	Pending	05763530.2		60/591087
	First Tax	Patent Cooperation Treaty		15-Jul-2005		27-Jul-2004
	Inventor(s): WHITEHEAD, Lorne A.					

**7. Title: SUBBAND ENCODING OF HIGH DYNAMIC RANGE IMAGERY**

Our/Your File No.	Country	Status	Appln. No.	Patent No.	Priority No.
B634 0008	United States	Expired	60/564608		
Brightside Technologies Inc.	Provisional		23-Apr-2004		
04-125					
Inventor(s):	WARD, Gregory John				

**Title: ENCODING, DECODING AND REPRESENTING HIGH DYNAMIC RANGE IMAGES**

Our/Your File No.	Country	Status	Appln. No.	Patent No.	Priority No.
B634 0014	United States	Pending	11/568030		60/564608
Brightside Technologies Inc.	Patent Cooperation Treaty		24-Dec-2004		23-Apr-2004
04-125	Ordinary Filing				
Inventor(s):	WARD, Gregory John; SIMMONS, Maryann				
B634 0047	United States	Pending	2563523		60/564608
Brightside Technologies Inc.	Patent Cooperation Treaty		24-Dec-2004		23-Apr-2004
Inventor(s):	WARD, Gregory John; SIMMONS, Maryann				
B634 0048	Canada	Pending	04802374.1		60/564608
Brightside Technologies Inc.	Patent Cooperation Treaty		24-Dec-2004		23-Apr-2004
Next Tax					
Deferred Exam	24-Dec-2007				
Inventor(s):	WARD, Gregory John; SIMMONS, Maryann				
B634 0049	Europe	Pending	2007-508683		60/564608
Brightside Technologies Inc.	Patent Cooperation Treaty		24-Dec-2004		23-Apr-2004
Hong Kong Application Due	17-Jul-2007				
Next Tax	24-Dec-2007				
Inventor(s):	WARD, Gregory John; SIMMONS, Maryann				
B634 0050	Japan	Pending	2007-508683		60/564608
Brightside Technologies Inc.	Patent Cooperation Treaty		24-Dec-2004		23-Apr-2004
Deferred Exam	24-Dec-2007				
Inventor(s):	WARD, Gregory John; SIMMONS, Maryann				

60/564608  
23-Apr-2004

2006-7024642  
24-Dec-2004

Pending

South Korea  
Patent Cooperation Treaty

B634 0051 Brightside Technologies Inc.

Deferred Exam 24-Dec-2009  
Inventor(s): WARD, Gregory John; SIMMONS, Maryann

60/564608  
23-Apr-2004

200480042828.8  
24-Dec-2004

Pending

China  
Patent Cooperation Treaty

B634 0052 Brightside Technologies Inc.

Inventor(s): WARD, Gregory John; SIMMONS, Maryann

**8. Title: FIELD SEQUENTIAL DISPLAY OF COLOR IMAGES**

Our/Your File Action(s) / Due	Owner	Due Date	Country	Case Type	Status	Appln. No. / Appln. Date	Patent No. / Patent Date	Priority No. / Priority Date
B634 0018 05-113	The University of British Columbia Inventor(s): SEETZEN, Helge	23-Apr-2007 23-Jun-2007	United States	Provisional	Expired	60/638122 23-Dec-2004		
B634 0031	The University of British Columbia Examination Report from PCT National Entry Inventor(s): SEETZEN, Helge	Patent Cooperation Treaty Ordinary Filing			Pending	PCT/CA2005/001975 23-Dec-2005		60/638122 23-Dec-2004
B634 0093 05-113	The University of British Columbia National Entry Request Examination First Tax Inventor(s): SEETZEN, Helge	23-Jul-2007 23-Dec-2010 23-Dec-2010	Australia	Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005		60/638122 23-Dec-2004
B634 0094 05-113	The University of British Columbia National Entry First Tax Request Examination Inventor(s): SEETZEN, Helge	23-Jun-2007 23-Dec-2007 23-Dec-2008	Brazil	Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005		60/638122 23-Dec-2004
B634 0095 05-113	The University of British Columbia National Entry First Tax Deferred Exam Inventor(s): SEETZEN, Helge	23-Jun-2007 23-Dec-2007 23-Dec-2010	Canada	Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005		60/638122 23-Dec-2004
B634 0096 05-113	The University of British Columbia National Entry Request Examination Inventor(s): SEETZEN, Helge	23-Jun-2007 23-Dec-2007	China	Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005		60/638122 23-Dec-2004

B634 0097 05-113	The University of British Columbia National Entry Exam Fee First Tax Inventor(s): SEETZEN, Helge	Europe Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005	60/638122 23-Dec-2004
	23-Jul-2007				
	23-Jul-2007				
	23-Dec-2007				
B634 0098 05-113	The University of British Columbia National Entry Request Examination Deferred Examination Deferred Exam from Filing Inventor(s): SEETZEN, Helge	India Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005	60/638122 23-Dec-2004
	23-Jul-2007				
	23-Dec-2007				
	23-Dec-2007				
	23-Dec-2008				
B634 0099 05-113	The University of British Columbia National Entry - Chapter I National Entry - Chapter II Request Examination Inventor(s): SEETZEN, Helge	Indonesia Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005	60/638122 23-Dec-2004
	23-Jun-2007				
	23-Jul-2007				
	23-Dec-2008				
B634 0100 05-113	The University of British Columbia National Entry Inventor(s): SEETZEN, Helge	Israel Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005	60/638122 23-Dec-2004
	23-Jun-2007				
B634 0101 05-113	The University of British Columbia National Entry Deferred Exam Inventor(s): SEETZEN, Helge	Japan Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005	60/638122 23-Dec-2004
	23-Jun-2007				
	23-Dec-2008				
B634 0102 05-113	The University of British Columbia National Entry Deferred Exam Inventor(s): SEETZEN, Helge	South Korea Patent Cooperation Treaty	Unfiled	Unassigned 23-Dec-2005	60/638122 23-Dec-2004
	23-Jun-2007				
	23-Dec-2010				

B634 0103 05-113	The University of British Columbia	Mexico	Unfiled	Unassigned	60/638122
	National Entry	Patent Cooperation Treaty		23-Dec-2005	23-Dec-2004
	First Tax	23-Jun-2007			
	Second Tax	23-Dec-2010			
	Final Tax	23-Dec-2015			
	Inventor(s): SEETZEN, Helge	23-Dec-2020			
B634 0104 05-113	The University of British Columbia	Singapore	Unfiled	Unassigned	60/638122
	National Entry	Patent Cooperation Treaty		23-Dec-2005	23-Dec-2004
	Request Exam	23-Jun-2007			
	First Tax	23-Aug-2007			
	Inventor(s): SEETZEN, Helge	23-Dec-2009			
B634 0105 05-113	The University of British Columbia	United States	Unfiled	Unassigned	60/638122
	National Entry	Patent Cooperation Treaty		23-Dec-2005	23-Dec-2004
	Inventor(s): SEETZEN, Helge	23-Jun-2007			
B634 0120 05-113	The University of British Columbia	Malaysia	Unfiled		
	First Action Completed	Ordinary Filing			
	Inventor(s): SEETZEN, Helge	20-Jul-2007			
<b>Title: WIDE COLOR GAMUT DISPLAYS</b>					
Our/Your File	Owner	Country	Status	Appln. No.	Priority No.
Action(s) Due	Due Date	Case Type		Appln. Date	Priority Date
B634-0017 05-114	The University of British Columbia	Patent Cooperation Treaty	Pending	PCT/CA2004/002200	60/638122
	Examination Report from PCT	Ordinary Filing		24-Dec-2004	23-Dec-2004
	National Entry	23-Apr-2007			
	Inventor(s): SEETZEN, Helge	23-Jun-2007			

B634 0106	The University of British Columbia	Malaysia	Unfiled		
05-114	File Application	12-Jul-2007	Ordinary Filing		
	Inventor(s): SEETZEN, Helge				
B634 0107	The University of British Columbia	Australia	Unfiled	60/638122	23-Dec-2004
05-114	National Entry	23-Jul-2007	Patent Cooperation Treaty		
	Request Examination	24-Dec-2009			
	First Tax	24-Dec-2009			
	Inventor(s):SEETZEN, Helge				
B634 0108	The University of British Columbia	Brazil	Unfiled	60/638122	23-Dec-2004
05-114	Back Tax(es)	23-Jun-2007	Patent Cooperation Treaty		
	National Entry	23-Jun-2007			
	Request Examination	24-Dec-2007			
	Next Tax	26-Dec-2007			
	Inventor(s):SEETZEN, Helge				
B634 0109	The University of British Columbia	Canada	Unfiled	60/638122	23-Dec-2004
05-114	Back Tax(es)	23-Jun-2007	Patent Cooperation Treaty		
	National Entry	23-Jun-2007			
	Next Tax	24-Dec-2007			
	Deferred Exam	24-Dec-2009			
	Inventor(s):SEETZEN, Helge				
B634 0110	The University of British Columbia	China	Unfiled	60/638122	23-Dec-2004
05-114	National Entry	23-Jun-2007	Patent Cooperation Treaty		
	Request Examination	23-Dec-2007			
	Inventor(s): SEETZEN, Helge				
B634 0111	The University of British Columbia	Europe	Unfiled	60/638122	23-Dec-2004
05-114	Back Tax(es)	23-Jul-2007	Patent Cooperation Treaty		
	National Entry	23-Jul-2007			
	Exam Fee	23-Jul-2007			
	Next Tax	24-Dec-2007			
	Inventor(s):SEETZEN, Helge				

B634 0112	The University of British Columbia	India	Unassigned	60/638122
05-114	National Entry	Patent Cooperation Treaty	24-Dec-2004	23-Dec-2004
	Request Examination			
	Deferred Examination			
	Deferred Exam from Filing			
	Inventor(s): SEETZEN, Helge			
B634 0113	The University of British Columbia	Indonesia	Unassigned	60/638122
05-114	National Entry - Chapter I	Patent Cooperation Treaty	24-Dec-2004	23-Dec-2004
	National Entry - Chapter II			
	Request Examination			
	Inventor(s): SEETZEN, Helge			
B634 0114	The University of British Columbia	Israel	Unassigned	60/638122
05-114	National Entry	Patent Cooperation Treaty	24-Dec-2004	23-Dec-2004
	Inventor(s): SEETZEN, Helge			
B634 0115	The University of British Columbia	Japan	Unassigned	60/638122
05-114	National Entry	Patent Cooperation Treaty	24-Dec-2004	23-Dec-2004
	Deferred Exam			
	Inventor(s): SEETZEN, Helge			
B634 0116	The University of British Columbia	South Korea	Unassigned	60/638122
05-114	National Entry	Patent Cooperation Treaty	24-Dec-2004	23-Dec-2004
	Deferred Exam			
	Inventor(s): SEETZEN, Helge			
B634 0117	The University of British Columbia	Mexico	Unassigned	60/638122
05-114	National Entry	Patent Cooperation Treaty	24-Dec-2004	23-Dec-2004
	First Tax			
	Second Tax			
	Final Tax			
	Inventor(s): SEETZEN, Helge			

B634 0118	The University of British Columbia	Singapore	Unfiled	Unassigned	60/638122
05-114	National Entry	Patent Cooperation Treaty		24-Dec-2004	23-Dec-2004
	Request Exam	23-Jun-2007			
	First Tax	23-Aug-2007			
	Inventor(s): SEETZEN, Helge	24-Dec-2008			
B634 0119	The University of British Columbia	United States	Unfiled	Unassigned	60/638122
05-114	National Entry	Patent Cooperation Treaty		24-Dec-2004	23-Dec-2004
	Inventor(s): SEETZEN, Helge	23-Jun-2007			

**9. Title: HDR CAMERA WITH MULTIPLE SENSORS**

Our/Your File Owner Action(s) Due	Country Case Type	Due Date	Status	Appl. No. Appl. Date	Patent No. Patent Date	Priority No. Priority Date
B634 0044 Brightside Technologies Inc.	United States Ordinary Filing		Pending	11/609837 12-Dec-2006		
Foreign Filings 14 Month Status Check Inventor(s): WARD, Gregory John; SEETZEN, Helge; HEIDRICH, Wolfgang		12-Dec-2007 12-Feb-2008				

**10. Title: HIGH DYNAMIC RANGE CODECS**

Our/Your File Owner Action(s) Due Date Country Case Type Status Appln. No. Patent No. Priority No. Priority Date

B634 0033 Max-Planck-Gesellschaft Zur Förderung Der Wissenschaften e.V. United States Provisional Pending 60/761510 60/761510 23-Jan-2006  
 Inventor(s): MANTIUK, Rafal; EFREMOV, Alexander; MYSZKOWSKI, Karol; KRAWCZYK, Grzegorz; SEIDEL, Hans-Peter

B634 0039 Max-Planck-Gesellschaft Zur Förderung Der Wissenschaften e.V. Patent Cooperation Treaty Ordinary Filing Pending PCT/EP2006/008741 60/761510 23-Jan-2006  
 Priority Document 23-May-2007  
 Amend Claims 23-May-2007  
 WIPO Publication Date 23-Jul-2007  
 Demand for Intl Exam CH/SE/LU 23-Aug-2007  
 National Entry due CH/SE/LU 23-Sep-2007  
 Reply to Written Opinion 23-Nov-2007  
 Demand for Intl Examination 23-Nov-2007  
 IPEA 402 - Receipt of Demand 23-Dec-2007  
 Examination Report from PCT 23-May-2008  
 National Entry 23-Jul-2008  
 Inventor(s): EFREMOV, Alexander; MANTIUK, Rafal; KRAWCZYK, Grzegorz; MYSZKOWSKI, Karol; SEIDEL, Hans-Peter

**11. Title: METHOD FOR EFFICIENT COMPUTATION OF IMAGE FRAMES FOR DUAL MODULATION DISPLAY SYSTEMS USING KEY FRAMES**

Our/Your File Action(s) Due	Owner	Country	Due Date	Case Type	Status	Appln. No. Appln. Date	Patent No. Patent Date	Priority No. Priority Date
B634 0009 04-124	The University of British Columbia	United States		Provisional	Expired	60/566925 03-May-2004		
Inventor(s): SEETZEN, Helge								
METHOD FOR EFFICIENT COMPUTATION OF IMAGE FRAMES FOR DUAL MODULATION DISPLAY SYSTEMS USING KEY FRAMES								
B634 0015 04-124	The University of British Columbia	Patent Cooperation Treaty Ordinary Filing			Natl Phase	PCT/CA2004/002197 24-Dec-2004		60/566925 03-May-2004
Inventor(s): SEETZEN, Helge								
B634 0059 04-124	The University of British Columbia	United States		Patent Cooperation Treaty	Pending	10/599954 24-Dec-2004		60/566925 03-May-2004
14 Month Status Check								
Inventor(s): SEETZEN, Helge								
B634 0060 04-124	The University of British Columbia	Canada		Patent Cooperation Treaty	Pending	2563517 24-Dec-2004		60/566925 03-May-2004
Next Tax								
Deferred Exam								
Inventor(s): SEETZEN, Helge								
B634 0061 04-124	The University of British Columbia	Europe		Patent Cooperation Treaty	Pending	04802372.5 24-Dec-2004		60/566925 03-May-2004
Hong Kong Application Due								
Next Tax								
Inventor(s): SEETZEN, Helge								

B634 0062 04-124	The University of British Columbia Deferred Exam Inventor(s): SEETZEN, Helge	Japan Patent Cooperation Treaty	Pending	2007-511793 24-Dec-2004	60/566925 03-May-2004
B634 0063 04-124	The University of British Columbia Deferred Exam Inventor(s): SEETZEN, Helge	South Korea Patent Cooperation Treaty	Pending	2006-7025469 24-Dec-2004	60/566925 03-May-2004
B634 0064 04-124	The University of British Columbia Voluntary Amendment Request Examination Inventor(s): SEETZEN, Helge	China Patent Cooperation Treaty	Pending	200480042942.0 24-Dec-2004	60/566925 03-May-2004
B634 0092 04-124	The University of British Columbia File Application Inventor(s): SEETZEN, Helge	Hong Kong Ordinary Filing	Unfiled		60/566925 03-May-2004

**12. Title: METHODS AND APPARATUS FOR STITCHING DIGITAL IMAGES**

Our/Your File Owner Action(s) Due Country Case Type Due Date Status Appn. No. Appn. Date Patent No. Patent Date Priority No. Priority Date

B634 0041 Brightside Technologies Inc. Patent Cooperation Treaty Pending PCT/CA2006/002028  
 Ordinary Filing  
 IB 301-Receipt of Record Copy 13-Feb-2008  
 Amend Claims 13-Apr-2008  
 WIPO Publication Date 13-Jun-2008  
 Demand for Intl Exam CH/SE/LU 13-Jul-2008  
 National Entry due CH/SE/LU 13-Aug-2008  
 Reply to Written Opinion 13-Oct-2008  
 Demand for Intl Examination 13-Oct-2008  
 IPEA 402 - Receipt of Demand 13-Nov-2008  
 Examination Report from PCT 13-Apr-2009  
 National Entry 13-Jun-2009  
 Inventor(s): WARD, Gregory John

**13. Title: METHODS AND SYSTEMS FOR CONVERTING IMAGES FROM LOW DYNAMIC RANGE TO HIGH DYNAMIC RANGE**

Our/Your File Owner Action(s) Due Country Case Type Due Date Status Appn. No. Appn. Date Patent No. Patent Date Priority No. Priority Date

Our/Your File Owner Action(s) Due	Country	Case Type	Due Date	Status	Appn. No.	Appn. Date	Patent No.	Patent Date	Priority No.	Priority Date
B634 0010 The University of British Columbia 04-028 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John LOW DYNAMIC RANGE IMAGE ENHANCEMENT FOR HIGH DYNAMIC RANGE SYSTEMS	United States Provisional			Expired	60/562240 15-Apr-2004					
B634 0016 The University of British Columbia 04-028 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John	Patent Cooperation Treaty Ordinary Filing			Natl Phase	PCT/CA2004/002198 24-Dec-2004				60/562240 15-Apr-2004	
B634 0053 The University of British Columbia 14 Month Status Check Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John	United States Patent Cooperation Treaty			Pending	10/599955 24-Dec-2004				60/562240 15-Apr-2004	
B634 0054 The University of British Columbia Assignment Next Tax Deferred Exam Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John	Canada Patent Cooperation Treaty			Pending	2563520 24-Dec-2004				60/562240 15-Apr-2004	
B634 0055 The University of British Columbia Hong Kong Application Due Next Tax Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John	Europe Patent Cooperation Treaty			Pending	04802373.3 24-Dec-2004				60/562240 15-Apr-2004	
B634 0056 The University of British Columbia Deferred Exam Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John	Japan Patent Cooperation Treaty			Pending	2007-507630 24-Dec-2004				60/562240 15-Apr-2004	

B634 0057	The University of British Columbia	China	200480043052.1	60/562240
	Request Examination	Patent Cooperation Treaty	24-Dec-2004	15-Apr-2004
	Hong Kong Application Due			
	Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John			
B634 0058	The University of British Columbia	South Korea	2006-7021469	60/562240
	Deferred Examin	Patent Cooperation Treaty	24-Dec-2004	15-Apr-2004
	Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John			
B634 0091	The University of British Columbia	Hong Kong		60/562240
04-028	File Application	Ordinary Filing		15-Apr-2004
	Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John			

**14. Title: MODULAR ELECTRONIC DISPLAYS**

Our/Your File Owner  
Action(s) Due

Country  
Case Type

Due Date

Status

Appl. No.  
Appln. Date

Patent No.  
Patent Date

Priority No.  
Priority Date

B634 0029 The University of British Columbia United States  
Provisional

60748125  
06-Dec-2005

Expired

Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; SEETZEN, Helge

B634 0032 The University of British Columbia Patent Cooperation Treaty Pending

Ordinary Filing

60748125  
06-Dec-2005

PCT/CA2006/000542  
18-Apr-2006

- WIPO Publication Date 06-Jun-2007
- Demand for Intl Exam CH/SE/LU 06-Jul-2007
- National Entry due CH/SE/LU 06-Aug-2007
- Reply to Written Opinion 06-Oct-2007
- Demand for Intl Examination 06-Oct-2007
- IPEA 402 - Receipt of Demand 06-Nov-2007
- Examination Report from PCT 06-Apr-2008
- National Entry 06-Jun-2008

Inventor(s): WHITEHEAD, Lorne A.; WARD, Gregory John; SEETZEN, Helge

**15. Title: MULTIPLE EXPOSURE METHODS AND APPARATUS FOR ELECTRONIC CAMERAS**

Our/Your File Action(s) Due	Owner	Country	Due Date	Case Type	Status	Appl. No.	Appl. Date	Patent No.	Patent Date	Priority No.	Priority Date
B634 0023	Brightside Technologies Inc.	United States		Provisional	Expired	60/663245	21-Mar-2005				
	Inventor(s): WARD, Gregory John										
B634 0026	Brightside Technologies Inc.	United States		Ordinary Filing	Pending	11/236155	26-Sep-2005			60/663245	21-Mar-2005
	Inventor(s): WARD, Gregory John										
B634 0027	Brightside Technologies Inc.	Canada		Ordinary Filing	Pending	2511220	30-Jun-2005			60/663245	21-Mar-2005
	Next Tax		30-Jun-2008								
	Inventor(s): WARD, Gregory John										
B634 0038	Brightside Technologies Inc.	United States		Continuation In Part	Pending	11/459633	24-Jul-2006			11/236155	26-Sep-2005
	Foreign Filing Due		24-Jul-2007								
	14 Month Status Check		24-Sep-2007								
	Inventor(s): WARD, Gregory John; SEETZEN, Helge										

**16. Title: PARALLAX-REDUCING, LUMINANCE-PRESERVING DIFFUSER**

Our/Your File Action(s) Due	Owner	Due Date	Country	Case Type	Status	Appln. No. Appln. Date	Patent No. Patent Date	Priority No. Priority Date
B634 0001 02-092	Brightside Technologies Inc. Inventor(s): WHITEHEAD, Lorne A.		United States	Provisional	Expired	60/591088 27-Jul-2004		
B634 0011 02-092	The University of British Columbia Inventor(s): WHITEHEAD, Lorne A.		Patent Cooperation Treaty Ordinary Filing	Natl Phase		PCT/CA2005/000809 27-May-2005		60/591088 27-Jul-2004
B634 0071 02-092	The University of British Columbia Information Disclosure Stmt 14 Month Status Check Inventor(s): WHITEHEAD, Lorne A.	26-Apr-2007 26-Mar-2008	United States	Patent Cooperation Treaty	Pending	11/572811 27-May-2005		60/591088 27-Jul-2004
B634 0072	The University of British Columbia Next Tax Deferred Exam Inventor(s): WHITEHEAD, Lorne A.	27-May-2008 27-May-2010	Canada	Patent Cooperation Treaty	Pending	2573684 27-May-2005		60/591088 27-Jul-2004
B634 0073	The University of British Columbia Deferred Exam Inventor(s): WHITEHEAD, Lorne A.	27-May-2008	Japan	Patent Cooperation Treaty	Pending	Unassigned 27-May-2005		60/591088 27-Jul-2004
B634 0074	The University of British Columbia Deferred Exam Inventor(s): WHITEHEAD, Lorne A.	27-May-2010	South Korea	Patent Cooperation Treaty	Pending	2007-7003482 27-May-2005		60/591088 27-Jul-2004
B634 0075	The University of British Columbia Power of Attorney Request Examination Inventor(s): WHITEHEAD, Lorne A.	27-Jun-2007 27-Jul-2007	China	Patent Cooperation Treaty	Pending	200580025974.4 27-May-2005		60/591088 27-Jul-2004

60/591088  
27-Jul-2004

05748545.0

Pending  
27-May-2005

The University of British Columbia Europe  
Patent Cooperation Treaty

Hong Kong Application Due 18-Oct-2007  
Next Tax 27-May-2008

Inventor(s): WHITEHEAD, Lorne A.

B634 0076

**17. Title: RAPID FRAME RENDERING FOR HIGH DYNAMIC RANGE DISPLAYS**

Our/Your File Owner Action(s) Due Country Case Type Due Date Status Appln. No. Appln. Date Patent No. Patent Date Priority No. Priority Date

B634 0002 The University of British Columbia United States Expired 60/591829 27-Jul-2004  
 04-131 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John; HEIDRICH, Wolfgang

**Title: RAPID IMAGE RENDERING ON DUAL-MODULATOR DISPLAYS**

Our/Your File Owner Action(s) Due Country Case Type Due Date Status Appln. No. Appln. Date Patent No. Patent Date Priority No. Priority Date

B634 0012 The University of British Columbia Patent Cooperation Treaty Natl Phase PCT/CA2005/000807 60/591829 27-Jul-2004  
 04-131 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John; HEIDRICH, Wolfgang

B634 0077 The University of British Columbia United States Pending 11/627936 27-May-2005  
 14 Month Status Check 27-Mar-2008  
 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John; HEIDRICH, Wolfgang

B634 0078 The University of British Columbia Canada Pending 2572968 27-May-2005  
 Next Tax 27-May-2008  
 Deferred Exam 27-May-2010  
 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John; HEIDRICH, Wolfgang

B634 0079 The University of British Columbia Japan Pending 505093792 27-May-2005  
 Deferred Exam 27-May-2008  
 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John; HEIDRICH, Wolfgang

B634 0080 The University of British Columbia South Korea Pending 2007-7001836 27-May-2005  
 Deferred Exam 27-May-2010  
 Inventor(s): WHITEHEAD, Lorne A.; SEETZEN, Helge; WARD, Gregory John; HEIDRICH, Wolfgang



**18. Title: REPRESENTING AND RECONSTRUCTING HIGH DYNAMIC RANGE IMAGES**

Our/Your File Action(s) Due	Owner	Country	Status	Apph. No.	Priority No.
	Due Date	Case Type		Apph. Date	Priority Date

B634 0037	Brightside Technologies Inc.	United States	Pending	11/612410	
	14 Month Status Check	Ordinary Filing		18-Dec-2006	
	Inventor(s): WARD, Gregory John				
B634 0069	Brightside Technologies Inc.	Canada	Pending	2570090	
	Foreign Filings	Ordinary Filing		06-Dec-2006	
	First Tax				
	Deferred Exam				
	Inventor(s): WARD, Gregory John				

**19. Title: HIGH EFFICIENCY HIGH INTENSITY BACKLIGHTING OF GRAPHIC DISPLAYS**

Our/Your File Action(s) Due	Owner	Due Date	Case Type	Country	Status	Appln. No. Appln. Date	Patent No. Patent Date	Priority No. Priority Date
U008 0306 96-087	The University of British Columbia		United States Ordinary	United States	Granted	60/638122 10-Jun-1997	6024462 15-Feb-2000	
Tax Year 8		15-Aug-2007						
Tax Year 12		15-Aug-2011						
Inventor(s):	WHITEHEAD, Lorne A.							
U008 0400 98-095	The University of British Columbia		United States Continuation in Part	United States	Granted	09/205705 04-Dec-1998	6079844 27-Jun-2000	08/872135 10-Jun-1997
Tax Year 8		27-Dec-2007						
Tax Year 12		27-Dec-2011						
Inventor(s):	WHITEHEAD, Lorne A. JACOB, Stéphane F.							

**20. Title: MULTIPLE MODULATOR DISPLAYS AND RELATED METHODS**

Our/Your File Action(s) Due	Owner	Country	Due Date	Case Type	Status	Appln. No. Appln. Date	Patent No. Patent Date	Priority No. Priority Date
B634 0066 07-???	The University of British Columbia	Columbia		Patent Cooperation Treaty Ordinary Filing	Pending	PCT/US2007/002788 31-Jan-2007		
	IB 301-Receipt of Record Copy		31-Mar-2008					
	Amend Claims		31-May-2008					
	WIPO Publication Date		31-Jul-2008					
	Demand for Intl Exam CH/SE/LU		31-Aug-2008					
	National Entry due CH/SE/LU		30-Sep-2008					
	Reply to Written Opinion		30-Nov-2008					
	Demand for Intl Examination		30-Nov-2008					
	IPEA 402 - Receipt of Demand		31-Dec-2008					
	Examination Report from PCT		31-May-2009					
	National Entry		31-Jul-2009					

Inventor(s): HEIDRICH, Wolfgang; TRENTACOSTE, Matthew; WARD, Gregory J.; SEETZEN, Helge

**21. Title: CALIBRATION OF DISPLAYS HAVING SPATIALLY-VARIABLE BACKLIGHT**

Our/Your File Action(s) Due	Owner	Country	Status	Appl. No.	Patent No.	Priority No.
		Case Type		Date	Date	Date

B634 0045	Brightside Technologies Inc.	United States	Pending	60/899098		
		Provisional		01-Feb-2007		
	Foreign Filing Due	01-Feb-2008				
	US Filing Due	01-Feb-2008				
	Inventor(s):	SEETZEN, Heige; WHITEHEAD, Lorne A.; WARD, Gregory J.; STUERZLINGER, Wolfgang; WAN, Chun Chi				

**\*\*NOTE:** These are cases that we have filed or instructed an Associate to file as of 24 April 2007.