

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5344088

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DEMOGRAFX, INC.	04/17/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOLBY LABORATORIES, INC.
<b>Street Address:</b>	1275 MARKET STREET
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94103
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16256201
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Phone:</b>	+1 (617) 542-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	INDRANIL SARKAR
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	07314-0015046
<b>NAME OF SUBMITTER:</b>	KRISTINE M. MCGUIRK
<b>SIGNATURE:</b>	/Kristine M. McGuirk/
<b>DATE SIGNED:</b>	01/25/2019
<b>Total Attachments: 10</b>	
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## ASSIGNMENT OF PATENTS

THIS ASSIGNMENT OF PATENTS (this "Assignment") is executed as of April 7, 2003, by and between DemoGraFX, Inc., a Delaware Corporation ("Assignor"), and Dolby Laboratories, Inc., a California Corporation ("Assignee"), and is delivered pursuant to that certain Asset Purchase Agreement, dated as of the date hereof, by and among Assignor, Assignee, Baker Communications Fund II (QP), L.P. and Baker Communications Fund II, L.P. (the "Purchase Agreement"). Capitalized terms used herein without definition shall have the respective meanings ascribed thereto in the Purchase Agreement.

### BACKGROUND

A. Assignor currently owns the rights to the patents and patent applications, including any patents maturing therefrom, together with all divisions, continuations, continuations-in-part, substitutions, reexaminations, reissues, extensions or foreign counterparts of any of them, set forth on Exhibit A attached hereto (the "Patents").

B. Contemporaneously, with the execution of the Purchase Agreement and this Assignment by the parties hereto and thereto, Assignee shall acquire substantially all of the assets of Assignor, including, but not limited to, the Patents.

### AGREEMENT

1. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and transferred and does hereby assign and transfer unto Assignee and its successors, assigns or other legal representatives, Assignor's worldwide right, title and interest in and to the Patents together with that part of the goodwill of the business connected with the use of and symbolized by the Patents, all claims for damages by reason of past infringement of the Patents, including claims for injunction and damages, with the right to sue for and collect or enforce the same for its own use, and all rights under the international conventions, including the right to claim priority.

2. Assignor hereby agrees to execute, acknowledge and deliver, and cause to be executed, acknowledged and delivered, all such further assignments, transfers, conveyances or assurances as may be required for the better transferring, assigning, conveying, granting, assuring and confirming to Assignee of the Patents or to vest in Assignee all of Assignor's rights in and to the Patents and otherwise to consummate the transactions contemplated by this Assignment.

3. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and any official of any country or countries foreign to the United States whose duty it is to issue patent registrations, to issue registration of the Patents to Assignee, its successors, legal representatives and assigns, in accordance with this Agreement.

4. The terms of this Assignment shall bind and inure to the benefit of the parties hereto and their respective heirs, legal representatives and successors and assigns.

5. This Assignment shall be governed by the laws of the State of California.

*Remainder of Page Intentionally Left Blank*

ASSIGNEE:

Dolby Laboratories, Inc., a California corporation

Dated: 4/8/03

By: Martin A. Jaffe  
Name: Martin A. Jaffe  
Title: Vice President

ACKNOWLEDGMENT

STATE OF California

COUNTY OF San Francisco

On April 8, 2003, before me Dawn M. Hess, a Notary Public in and for the County and State aforesaid, Martin A. Jaffe, [name, title] of Dolby Laboratories, Inc., personally appeared, who is personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on such instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

Dawn M. Hess  
Signature




IN WITNESS WHEREOF, the parties have executed this Assignment of Patents as of the date first above written.

ASSIGNOR:

DemoGraFX, Inc., a Delaware corporation

Dated: 4/17/03

By:   
Name: PETER FORMAN  
Title: CEO


ACKNOWLEDGMENT

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

On APRIL 17, 2003, before me F. R. PATTERSON, a Notary Public in and for the County and State aforesaid, PETER FORMAN [name, title] of DemoGraFX, Inc., personally appeared, who is personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on such instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

  
Signature



[Signature Page to Assignment of Patents]

Attachement A

ATTACHMENT

U.S. Serial Nos.

1. 09/541,701
2. 09/545,233
3. 09/648,414
4. 09/798,346
5. 09/904,192
6. 09/904,203
7. 09/905,039
8. 09/905,040
9. 10/187,395
10. 10/226,896

U.S. Patent Nos.

11. 5,305,324
12. 5,465,119
13. 5,737,027
14. 5,852,565
15. 5,988,863
16. 6,442,203

10364841.doc



Attachement B

ATTACHMENT 3.9.3

Patents and Patent Applications

COUNTRY	REFERENCE#	TYPE-FILED	SERIAL#	ISSUED	PATENT#	STATUS	EXPIRES
<b>PIXEL INTERLACING APPARATUS AND METHOD</b>							
Inventors: Gary Demos							
UNITED STATES	07314/002001	NEW	2/22/1991 07/659,227	11/7/1995	5,465,119	ISSUED	11/7/2012
CANADA	07314/002CA1	CEQ	2/7/1992 2060831			ALLOWED	
UNITED STATES	07314/002002	CON	12/27/1994 08/365,555	4/7/1998	5,737,027	ISSUED	4/7/2015
<b>DATA SCRAMBLING INTERFACE FOR CORRECTING LARGE BURST ERRORS IN HIGH SPEED, HIGH CAPACITY TAPE DRIVES</b>							
Inventors: Gary Demos							
UNITED STATES	07314/003001	CON	7/6/1993 08/089,426	4/19/1994	5,305,324	ISSUED	7/6/2013
<b>TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION</b>							
Inventors: Gary E. Demos							
UNITED STATES	07314/004001	R62	1/30/1996 08/594,815	12/22/1998	5,852,565	ISSUED	1/30/2016
EUROPEAN PATENT	07314/004EP1	DCA	1/24/1997 97903871.8			PENDING	
SINGAPORE	07314/004SG2	DIV	1/24/1997 9904274-9			PENDING	
SINGAPORE	07314/004SG1	DCA	1/24/1997 9803957-1	11/16/1999	54905		
ISSUED							
MEXICO	07314/004MX1	DCA	1/24/1997 98 6108				
JAPAN	07314/004JP1	DCA	1/24/1997 09-527690				
WIPO	07314/004WO1	CEQ	1/24/1997 US97/00902				
CHINA	07314/004CN1	DCA	1/24/1997 97193217.4				
CANADA	07314/004CA1	DCA	1/24/1997 2245172				
SOUTH KOREA	07314/004KR1	DCA	1/24/1997 98-705826				
UNITED STATES	07314/004002	CON	12/21/1998 09/217,151	11/23/1999	5,988,863	ISSUED	12/21/2018
UNITED STATES	07314/007001	CIP	4/3/2000 09/541,701			PENDING	
UNITED STATES	07314/005001	CIP	4/7/2000 09/545,233			PENDING	
UNITED STATES	07314/005JP1	DCA	4/6/2001 2001-574651			PENDING	
JAPAN	07314/005JP1	DCA	4/6/2001 N/A			PENDING	
CANADA	07314/005CA1	DCA	4/6/2001 N/A			PENDING	
EUROPEAN PATENT	07314/005EP1	DCA	4/6/2001 01924762.6			PENDING	
WIPO	07314/005WO1	CEQ	4/6/2001 US01/11204			PUBLISHED	
<b>SYSTEM AND METHOD FOR MOTION COMPENSATION AND FRAME RATE CONVERSION</b>							
Inventors: Gary E. Demos							
UNITED STATES	07314/006001	NEW	11/5/1999 09/435,277	8/27/2002	6,442,203	ISSUED	11/5/2019

CANADA	07314/006CA1	DCA	10/31/2000	2387701	PENDING
JAPAN	07314/006JP1	DCA	10/31/2000	2001-537274	PENDING
WIPO	07314/006WO1	CEQ	10/31/2000	US00/411771	NAT PHASE
EUROPEAN PATENT	07314/006EP1	DCA	10/31/2000	00992026.5	PUBLISHED
FILM AND VIDEO BI-DIRECTIONAL COLOR MATCHING SYSTEM AND METHOD					
Inventors:	Gary A. Demos; David Ruhoff				
UNITED STATES	07314/008P01	NEW	4/7/2000	60/198,890	EXPIRED
UNITED STATES	07314/008U01	FCA	8/24/2000	09/648,414	PENDING
HIGH PRECISION ENCODING AND DECODING OF VIDEO IMAGES					
Inventors:	Gary A. Demos; David Ruhoff				
UNITED STATES	07314/009U01	NEW	3/2/2001	09/798,346	PUBLISHED
WIPO	07314/009WO1	CEQ	3/1/2002	US02/06078	PUBLISHED
MOTION ESTIMATION FOR VIDEO COMPRESSION SYSTEMS					
Inventors:	Gary A. Demos				
UNITED STATES	07314/010U01	NEW	7/11/2001	09/904,192	PENDING
WIPO	07314/010WO1	CEQ	7/11/2002	US02/22062	PENDING
INTERPOLATION OF VIDEO COMPRESSION FRAMES					
Inventors:	Gary A. Demos				
UNITED STATES	07314/012U01	NEW	7/11/2001	09/904,203	PENDING
UNITED STATES	07314/015U01	CIP	6/28/2002	10/187,395	PENDING
MACROBLOCK MODE DECISION BIASING FOR VIDEO COMPRESSION SYSTEMS					
Inventors:	Gary A. Demos				
UNITED STATES	07314/011U01	NEW	7/12/2001	09/905,040	PENDING
WIPO	07314/011WO1	CEQ	7/12/2002	US02/22202	PENDING
METHOD AND SYSTEM FOR IMPROVING COMPRESSED IMAGE CHROMA INFORMATION					
Inventors:	Gary A. Demos				
UNITED STATES	07314/013U01	NEW	7/12/2001	09/905,039	PENDING
WIPO	07314/013WO1	CEQ	7/12/2002	US02/22205	PENDING
METHOD AND APPARATUS FOR PROVIDING COMPUTER-COMPATIBLE FULLY SYNCHRONIZED AUDIO/VIDEO INFORMATION*					
Inventors:	Gary A. Demos; Peter Spoer				
UNITED STATES	DEM-001-PAP	NEW	8/22/2002	10/226,696	PENDING
PCT	DEM-001-PCT			US02/26922	PENDING
ENCRYPTED AND WATERMARKED TEMPORAL AND RESOLUTION LAYERING IN ADVANCED					
Inventors:	Gary E. Demos				
WIPO	07314/007WO1	CEQ	6/13/2002	US02/18884	PENDING

Legend

NEW -- New utility application with no claim of priority  
FCA -- (File Complete Application) Utility claiming priority to provisional application  
CON -- Continuation application  
DIV -- Divisional application  
CIP -- Continuation-in-part application  
R62 -- Rule 62 (File Wrapper Continuation Application)  
CEQ -- Country Equivalent  
DCA -- Designated Country Application