PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVE	NATURE OF CONVEYANCE: ASSIGNMENT						
CONVEYING PARTY DATA							
		N	lame	Execution Date			
Dolby Laboratories, Ir	າດ.			09/05/2003			
	ΑΤΑ						
Name:	Dolby Laborat	tories					
Street Address:	100 Potrero A						
City:	San Francisco	c					
State/Country:	CALIFORNIA						
Postal Code:	94103						
PROPERTY NUMBER	RS Total: 1						
Property T	ype		Number				
Application Number:		11831	723	723			
CORRESPONDENCE	DATA			11831723			
Fax Number:	(877)769	9-7945		ο			
Correspondence will l			hen the fax attempt is unsuccessful.	\$40.00			
Phone:	202-783			\$4			
Email: Correspondent Name	apsi@fr. Dwight U		noson	CH			
Address Line 1:	-		RDSON P.C.				
Address Line 2:	P.O.BO						
Address Line 4:	MINNEA	POLIS	6, MINNESOTA 55440-1022				
ATTORNEY DOCKET	NUMBER:		07314-0015002				
NAME OF SUBMITTE	R:		Lori L. Stewart				
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ASSIGNMENT OF PATENTS

THIS ASSIGNMENT OF PATENTS (this "<u>Assignment</u>") is executed as of September 4, 2003, by and between Dolby Laboratories, Inc., a California Corporation ("<u>Assignor</u>"), and Dolby Laboratories Licensing Corporation, a New York Corporation ("<u>Assignee</u>"), with the effective date of May 1, 2003.

Assignor 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").

Assignee is desirous of acquiring the entire right, title and interest in the Patents.

For good and valuable consideration, the receipt of which is acknowledged:

- 1. Assignor assign, transfer and convey 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 will promptly executed all papers necessary or desirable to perfect ownership of said Patents.
- 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.
- 4. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, successors and legal representatives and assigns.

PATENT REEL: 023269 FRAME: 0985

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Assignor: Dolby Laboratories, Inc.

Date

STATE OF CALIFORNIA COUNTY OF SAN FRANCISCO

On this 4th day of September 2003, before me, the undersigned notary public, personally appeared the above-named person, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on this Assignment he, or the entity upon behalf of which he acted, executed this Assignment.

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Keisha Willi	in	SEAL		
Notary	Public	•		y Public - Calilonia Francisco County M. Busines Apr 11, 2007
	· 1 · ·			
			· · ·	
Assignee: Dolby Labo	oratories Licensing Co	propration		·
Lily S. Cher	Chem		9/9/03 Date	
STATE OF CALIFORNIA COUNTY OF SAN FRAN			:	

On this 4th day of September 2003, before me, the undersigned notary public, personally appeared the above-named person, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this Assignment and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on this Assignment she, or the entity upon behalf of which she acted, executed this Assignment.

Notary Public SEAL

KALEO J. WILLESS Commission # 1323475 Notary Public - California Sari Francisco County Comm. Expires Oct 2, 2005

PATENT REEL: 023269 FRAME: 0986

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Attachment A

PATENT REEL: 023269 FRAME: 0987

ATTACHMENT

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U.S. Serial Nos.

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- 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. 10/226,696

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

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Attachment B

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PATENT REEL: 023269 FRAME: 0989

EXHIBIT A	ISSUED TITLE	DATA SCRAMBLING INTERFACE FOR CORRECTING LARGE BURST ERRORS IN HIGH 3 4/19/1994 SPEED, HIGH CAPACITY TAPE DRIVES	:	ENCRYPTED AND WATERMARKED TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION	ENHANCED TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION	FILM AND VIDEO BI-DIRECTIONAL COLOR MATCHING SYSTEM AND METHOD	HIGH PRECISION ENCODING AND DECODING OF VIDEO IMAGES	HIGH PRECISION ENCODING AND DECODING OF	INTERPOLATION OF VIDEO COMPRESSION FRAMES	INTERPOLATION OF VIDEO COMPRESSION FRAMES	INTERPOLATION OF VIDEO COMPRESSION FRAMES	•			
EXF	IT# FILED	324 7/6/1993	4/3/2000	. 6/13/2002	4/6/2001	4/6/2001	4/7/2000	4/6/2001	8/24/2000	3/2/2001	3/1/2002	7/11/2001	6/28/2002	7/11/2002	
	PATENT#	5,305,324		884				204		• • • •	078)6 3	
	SERIAL#	08/089,426	09/541,701	PCT/US02/18884	01924762.6	2001-574651	09/545,233	PCT/US01/11204	09/648,414	09/798,346	PCT/US02/06078	09/904,203	10/187,395	PCT/US02/22063	
	COUNTRY	UNITED STATES	UNITED STATES	WIPO	EUROPE	JAPAN '	UNITED STATES	WIPO	UNITED STATES	UNITED STATES	WiPO	UNITED STATES	UNITED STATES	WIPO	

EXHIBIT A

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PATENT REEL: 023269 FRAME: 0990 ξ

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	TITLE	MACROBLOCK MODE DECISION BIASING FOR VIDEO COMPRESSION SYSTEMS	MACROBLOCK MODE DECISION BIASING FOR VIDEO COMPRESSION SYSTEMS	METHOD AND APPARATUS FOR PROVIDING COMPUTER-COMPATIBLE FULLY SYNCHRONIZED AUDIO/VIDEO INFORMATION	METHOD AND APPARATUS FOR PROVIDING COMPUTER-COMPATIBLE FULLY SYNCHRONIZED AUDIO/VIDEO INFORMATION	METHOD AND SYSTEM FOR IMPROVING COMPRESSED IMAGE CHROMA INFORMATION	METHOD AND SYSTEM FOR IMPROVING COMPRESSED IMAGE CHROMA INFORMATION	MOTION ESTIMATION FOR VIDEO COMPRESSION SYSTEMS	MOTION ESTIMATION FOR VIDEO COMPRESSION SYSTEMS	PIXEL INTERLACING APPARATUS AND METHOD	PIXEL INTERLACING APPARATUS AND METHOD	PIXEL INTERLACING APPARATUS AND METHOD	SYSTEM AND METHOD FOR MOTION COMPENSATION AND FRAME RATE CONVERSION	SYSTEM AND METHOD FOR MOTION COMPENSATION AND FRAME RATE CONVERSION	SYSTEM AND METHOD FOR MOTION COMPENSATION AND FRAME RATE CONVERSION	SYSTEM AND METHOD FOR MOTION COMPENSATION AND FRAME RATE CONVERSION	SYSTEM AND METHOD FOR MOTION COMPENSATION AND FRAME RATE CONVERSION
	ISSUED		• • • • •	· .	1		·	· ·		4/29/2003	11/7/1995	4/7/1998		•		8/27/2002	
	FILED	7/12/2001	7/12/2002			7/12/2001	7/12/2002	7/11/2001	7/11/2002	2/7/1992	2/22/1991	12/27/1994	10/31/2000	4/6/2001	10/31/2000	11/5/1999	10/31/2000
	PATENT#	•					:			2,060,831	5,465,119	0,/3/,UZ/				6,442,203	
	SERIAL#	09/905,040	PCT/US02/22202	10/226,696	US02/26922	09/905,039	PCT/US02/22205	09/904,192	PCT/US02/22062	2060831	01/1059,227 08/365 555		2387701	00992026.5	2001-537274	09/435,277	PCT/US00/41771
	COUNTRY	UNITED STATES	Odim	UNITED STATES	WIPO	UNITED STATES	WIPO .	UNITED STATES	WIPO CANADA	UNITED STATES	UNITED STATES		CANADA	EUROPE	JAPAN	UNITED STATES	OdiM

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VATINITOD					
	SERIAL#	PATENT#	FILED	ISSUED	TITLE
CANADA	2245172	•	1/24/1997		TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
CANADA			4/6/2001		TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
CHINA	97 193 217.4		1/24/1997		TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
EUROPE	97 903 871.8		1/24/1997	l	TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
JAPAN	09-527690		1/24/1997		TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
MEXICO	98 6109		1/27/1997		TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
SINGAPORÈ	9904274-9	54905	1/24/1997	11/16/1999	TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
SINGAPORE	9904274-9		1/24/1997		TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
SOUTH KOREA	98-705826		1/24/1997		TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
UNITED STATES	08/594,815	5,852,565	1/30/1996	12/22/1998	TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
UNITED STATES	09/217,151	5,988,863	12/21/1998	11/23/1999	TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
OdiM	PCT/US97/00902	•	1/24/1997	•	TEMPORAL AND RESOLUTION LAYERING IN ADVANCED TELEVISION
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PATENT REEL: 023269 FRAME: 0992

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Attachment C

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PATENT REEL: 023269 FRAME: 0993

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STATE OF NEW YORK

DEPARTMENT OF STATE

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.



WITNESS my hand and official seal of the Department of State, at the City of Albany, on May 1, 2009.

Daniel E. Shapiro First Deputy Secretary of State

Rev. 06/07

NYS Department of State Division of Corporations, Records and UCC Albany, NY 12231-0002 www.dos.state.ny.us	Business Corporation Biennial Statement	For Internal Ua	le Only
215922			2234
Business Name:		0804	
DOLBY LABORATORIES LICENSIN	000.		
DOLBY LABORATORIES LICEN	215922 ISING CORPORATION	Filed By:	< <u>+</u>
100 POTRERO AVENUE SAN FRANCISCO CA 94103		Cash # (# different than (#m #);	
		Required Fee: Filing Period: Make checks payable to the E	\$9.00 11/2007

The Business Corporation Law requires corporations to update information with the Department of State every two years in the calendar month in which the corporation was formed or authorized. Farm Corporations are EXEMPT from this requirement and should complete Parts 4 and 5 ONLY. Please review the information in Parts 1, 2 and 3. Update the information in the space provided, if necessary. If no changes are necessary, proceed to Part 5. A corporation which fails to timely file its Biennial Statement shall be shown to be past due on the Department of State's records.

Part 1: Name and Business Address of Chief Executive Officer

N W JASPER 100 POTRERO AVE	Name	Mirindenting Wile guident of the	
SAN FRANCISCO CA 94103	Address	······································	
	City	State	Zip

Part 2: Street Address of the Principal Executive Office (A Post Office Box cannot be substitued)

DOLBY LABORATORIES LICENSING CORPORATION 100 POTRERO AVENUE SAN FRANCISCO CA 94103	Address Line 1 Address Line 2		
	City	Slate	Zip

Part 3: Address for Service of Process

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C/O C T CORPORATION SYSTEM 111 EIGHTH AVENUE NEW YORK NY 10011	Name Address		
	Ciły	Slate	Żip

Part 4: Farm Corporation Exemption

Check # applicable

This corporation is a farm corporation and is NOT required to update information with the Department of State every two years. A farm corporation is a corporation engaged in the production of crops, livestock and livestock products on land used in agricultural production. Farm corporations should complete Parts 4 and 5 ONLY and return the form to the Department of State. No living fee is required for farm corporations.

Part 5: Signature of Officer, Director, Attorney-in-Fact or Authorized Person

Signature <u>V.P. (seneral Connel 9</u> Scefy <u>Title of Signer (Please Print)</u> <u>MARK 5.</u> <u>ANDERS</u>	on)
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080401002234 RECORDED: 09/23/2009

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DOS-1179 (08/06)