505181566 11/08/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
ATURE OF CONVEYA	NCE:	ASSIGNMENT		
ONVEYING PARTY [ΟΑΤΑ			
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City:		RDAM ZUIDOOST		
State/Country:	NETHE	RLANDS		
Postal Code:	1101 C	N		
Property Type		Number 15897510		
Application Number:		15897510	7510	
		/		
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		; if that is unsuccessful, it wi		
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Address Line 2: Address Line 4: ATTORNEY DOCKET N IAME OF SUBMITTER SIGNATURE: DATE SIGNED:	UMBER:	40305-0008007 KRISTINE M. MCGUIRK		
Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	UMBER:	40305-0008007 KRISTINE M. MCGUIRK /Kristine M. McGuirk/		
Address Line 4: ATTORNEY DOCKET N IAME OF SUBMITTER SIGNATURE:	IUMBER:	40305-0008007 KRISTINE M. MCGUIRK /Kristine M. McGuirk/ 11/08/2018		
Address Line 4: ATTORNEY DOCKET N IAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3	UMBER:	40305-0008007 KRISTINE M. MCGUIRK /Kristine M. McGuirk/ 11/08/2018		

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PATENT ASSIGNMENT

Whereas, Sharp Kabushiki Kaisha, a corporation, existing and organized under the laws of Japan, having its headquarter at 22-22 Nagaike-Cho, Abeno-ku, Osaka Japan, 545-8522 (hereinafter "Seller") is the sole and exclusive owner of the following patents and patent applications (hereinafter "Assigned Patents"):

Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	12/058301	2008/3/28	2009-0245349	2013/9/24	8542748
US	12/934938	2009/3/25	2011-0026604	2014/9/2	8824541
US	14/269755	2014/5/5	2014-0241438		
RU	2010142914	2009/3/25	2010142914	2014/2/25	2514091
RU	2014105187	2014/2/12	***************************************	1	•••••••••••••••••••••••••••••••••••••••
JP	2010-537070	2009/3/25	2011-515880	2012/8/31	5075988
JF	2012-187048	2012/8/27	2012-257316	2014/4/25	5529937
JP	2014-085842	2014/4/17	2014-150576		
IN	6312/CHENP/2010	2009/3/25	6312/CHENP/2010	1	
HK	11102375	2011/3/9	1148406		
EP	9725979	2009/3/25	2266319		
CN	200980110928.2	2009/3/25	101981934	2014/11/5	200980110928.2
CN	201410508455.4	2014/9/28	104270645		•••••••••••••••••••••••••••••••••••••••
BR	PI0911141-7	2009/3/25	2009-0245349	2013/9/24	8542748

Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	12/896795	2010/10/1	2012-0082228	1	
JP	2013-514448	2011/9/30	2013-543285		
MY	PI2013000942	2011/9/30		······································	
IP	2015-125233	2015/6/23	***************************************	**************************************	•••••••••••••••••••••••

SYSTEM FO	was stand a water cost i a start a	(ENCODING			
Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	12/895800	2010/10/1	2012-0082229		
JP	2013-514449	2011/9/30	2013-543286		

Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	13/008658	2011/1/18	2012-0183046		
US	13/008676	2011/1/18	2012-0183047	1	
AU	2012207827	2012/1/18		1	
CA	2824461	2012/1/18		1	
JP	2013-528459	2012/1/18	2014-504046	1	

PATENT REEL: 047762 FRAME: 0106

Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	13/273191	2011/10/13	2013-0094585	2014/7/1	8763079
US	13/287015	2011/11/1	2013-0094772	2014/10/7	8855433
US	13/291961	2011/11/8	2013-0094773	2014/7/22	8787688
CN	201280050538.2	2012/10/12	103918266	1	
EP	12839718.9	2012/10/12	2767090		
JP	2014-516128	2012/10/12	2014-529204	1	

METHOD F	FOR SIGNALING A STE	P-WISE TEMPO	RAL SUB-LAYER AG	CESS SAMPLI	E
Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	13/633784	2012/10/2	2014-0092953		
WO	PCT/JP2013/005888	2013/10/2	WO2014/054285		

GOLOMB-F	UCE/EG CODING TEC	HNIQUE FOR C	ABAC IN HEVC		
Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
CN	201380019085.6	2013/4/11	104205831		·····
US	14/391422	2013/4/11	2015-0110198		

IMAGE DEC	CODING DEVICE AND) IMAGE CODI	NG DEVICE		
Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
CN	201380045488.3	2013/9/26	104604233		
JP	2014-538597	2013/9/26		· · · · · · · · · · · · · · · · · · ·	
US	14/430249	2013/9/26			

; and

Whereas Dolby International AB, a Swedish corporation resident in the Netherlands, having its headquarter at Apollo Building, 3E, Herikerbergweg 1-35, 1101 CN Amsterdam Zuidoost, The Netherlands (hereinafter "Buyer") is desirous of acquiring the entire right, title and interest in, to and under the Assigned Patents.

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IN WITNESS WHEREOF, THE PARTIES, BY THEIR DULY AUTHORIZED REPRESENTATIVES, HAVE EXECUTED THIS ASSIGNMENT.

Sharp	o Kabusl	niki Kaisha
	By _	Liyoshi Yonutan
	Name	Kiyoshi Yonetsu
	Title	Division Deputy Governd Manager, RAD Division
	Date	July 1, 2015

Dolby International AI By ER Name Title Date

RECORDED: 03/08/2018