

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4230241

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SONY EUROPE LIMITED	07/23/2015
RECEIVING PARTY DATA	
Name:	SONY CORPORATION
Street Address:	1-7-1, KONAN
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14384925
Application Number:	14376007
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	474486US
NAME OF SUBMITTER:	JENICA ROBERTS
SIGNATURE:	/Jenica Roberts/
DATE SIGNED:	01/18/2017
Total Attachments: 9	
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PATENT ASSIGNMENT

WHEREAS, Sony Europe Limited ("Assignor"), having its registered address at The Heights, Brooklands, Weybridge, Surrey, KT13 0XW, UK;

WHEREAS, Assignor may possess rights and interests in and to patents listed on the attached Exhibit 1 (the "Patents"); and

WHEREAS, Sony Corporation ("Assignee"), a Japanese corporation having its principal place of business at 1-7-1, Konan, Minato-Ku, Tokyo, Japan and governed by the laws of Japan desires to acquire all rights and interests in and to the Patents possessed by the Assignor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers, and sets over unto Assignee: (1) all rights and interests it possesses in all countries throughout the world in and to the Patents and the inventions disclosed therein, including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions of said Patents and any substitute applications thereof; (2) its right to sue and recover for, and its right to profits or damages due or accrued in connection with, any and all past, present, or future infringements of the Patents; and (3) its rights and interests in all convention and treaty rights of all kinds, including without limitation all rights of priority in any country of the world, in and to the above Patents.

2. Assignor hereby authorizes Assignee to record this Patent Assignment with all appropriate governmental offices.

IN WITNESS WHEREOF, the Assignor has caused this Patent Assignment
to be duly executed by its duly authorized officer.

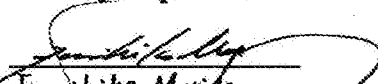
For Sony Europe Limited:


Sandra Schneider
European Patent Attorney

Dated:

23 July 2015

For Sony Corporation:


Fumihiko Moriya
VP, Senior General Manager
Intellectual Property Division

Dated:

July 24, 2015

Country	Filing Number	Filing Date	Grant Number	Grant Date	Title
US	09/646277	26/08/1999	7309998	11/12/2007	TELEVISION DISPLAY DEVICE AND METHOD OF OPERATING A TELEVISION SYSTEM
US	12/969341	26/09/1999	8272010	18/09/2012	TELEVISION DISPLAY DEVICE AND METHOD OF OPERATING A TELEVISION SYSTEM
US	11/854904	26/08/1999	7896320	08/02/2011	TELEVISION DISPLAY DEVICE AND METHOD OF OPERATING A TELEVISION SYSTEM
NL	99306779.2	26/09/1999	ML Part of EP1079619	18/10/2006	TELEVISION DISPLAY DEVICE AND METHOD OF OPERATING A TELEVISION SYSTEM
EP	5003991.8	26/09/1999			TELEVISION DISPLAY DEVICE AND METHOD OF OPERATING A TELEVISION SYSTEM
DE	99306779.2	26/08/1999	DE Part of EP1079619	18/10/2006	TELEVISION DISPLAY DEVICE AND METHOD OF OPERATING A TELEVISION SYSTEM
CN	00126042 X	26/08/1999	ZL00126043 X	13/04/2005	TELEVISION DISPLAY DEVICE AND METHOD OF OPERATING A TELEVISION SYSTEM
US	09/630871	03/08/1999	7885618	23/03/2010	METHOD AND APPARATUS FOR BROADCASTING SERVICE DATA TOGETHER WITH DIGITAL TELEVISION DATA
US	12/714102	03/08/1999	7996865	09/08/2011	METHOD AND APPARATUS FOR BROADCASTING SERVICE DATA TOGETHER WITH DIGITAL TELEVISION DATA
US	12/714115	03/08/1999	7890875	15/02/2011	METHOD AND APPARATUS FOR BROADCASTING SERVICE DATA TOGETHER WITH DIGITAL TELEVISION DATA
WO	PCT/GB82013/050772	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
US	14/388957	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
TW	102112494	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
RU	2014148802	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
MX	MX/a/2014/013182	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
IN	8101/DELNP/2014	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
GB	1207854.9	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
EP	13726252.3	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
CN	201380023436.6	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
BR	112014026993.2	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
AU	2013258673	04/05/2012			RECEIVING AUDIO/VIDEO CONTENT
WO	PCT/GB82013/050730	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
EP	13725729.1	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
WO	PCT/GB82013/050732	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
US	14/376007	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES

Country	Filing Number	Filing Date	Grant Number	Grant Date	Title
IN	SI19ADELNP/2014	26/03/2012			TELEVISION PROGRAMMES
ID	P-00201405318	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
GB	1205392.4	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
EP	13725731.7	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
CN	201360016663.6	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
BR	BRI12014033254.7	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
MO	PCT/CN2013090729	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
TW	102108452	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
GB	1205396.5	26/03/2012			CONDITIONAL ACCESS METHOD AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMMES
US	14/006450	26/03/2011			CONTENT ENCRYPTION
EP	12706962.9	28/03/2011			CONTENT ENCRYPTION
US	13/823975	28/03/2011			METHOD AND SYSTEM FOR DECRYPTING A TRANSPORT STREAM
EP	12701763.7	28/03/2011			METHOD AND SYSTEM FOR DECRYPTING A TRANSPORT STREAM
US	13/150669	13/07/2010			BROADCAST SYSTEM USING TEXT TO SPEECH CONVERSION
EP	11167756.3	13/07/2010			BROADCAST SYSTEM USING TEXT TO SPEECH CONVERSION
CN	201110204943.2	13/07/2010			BROADCAST SYSTEM USING TEXT TO SPEECH CONVERSION
TW	95114945	03/06/2009			BROADCAST RECEIVER AND METHOD
GB	995586	03/06/2009	2470756	05/08/2014	BROADCAST RECEIVER AND METHOD
EP	10375050.2	03/06/2009			BROADCAST RECEIVER AND METHOD
CN	201010196330.1	03/06/2009	ZL201010196330.1	09/10/2014	BROADCAST RECEIVER AND METHOD
US	12/615154	18/01/2009	8258669	18/09/2012	TELEVISION APPARATUS
EP	9250132.9	19/01/2009			TELEVISION APPARATUS
CN	201010004575.2	19/01/2009			TELEVISION APPARATUS
US	10/886654	25/03/2009	7425240	16/09/2008	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
US	13/235128	26/03/2009	9155228	10/04/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM

Country	Filing Number	Filing Date	Grant Number	Grant Date	Title
US	12/051541	25/03/2003	8130894	06/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
US	13/442889	25/03/2003	8885761	11/11/2014	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
TR	10171645.4	25/03/2003	TR part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
TR	9010707.9	25/03/2003	TR part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
TR	9005869.4	25/03/2003	TR part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
SK	10171645.4	25/03/2003	SK part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
SK	9010707.9	25/03/2003	SK part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
SK	9005869.4	25/03/2003	SK part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
SE	10171645.4	25/03/2003	SE part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
SE	9010707.9	25/03/2003	SE part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
SE	9005869.4	25/03/2003	SE part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
RO	10171645.4	25/03/2003	RO part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
RO	9010707.9	25/03/2003	RO part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
RO	9005869.4	25/03/2003	RO part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
PT	10171645.4	25/03/2003	PT part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
PT	9010707.9	25/03/2003	PT part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
PT	9005869.4	25/03/2003	PT part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
PL	10171645.4	25/03/2003	PL part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
PL	9010707.9	25/03/2003	PL part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
PL	9005869.4	25/03/2003	PL part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
NL	10171645.4	25/03/2003	NL part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
NL	9010707.9	25/03/2003	NL part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
NL	9005869.4	25/03/2003	NL part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM

Country	Filing Number	Filing Date	Grant Number	Grant Date	Title
IT	10171845.4	25/03/2003	IT part of EP2247955	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
IT	9010707.9	25/03/2003	IT part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
IT	8005869.4	25/03/2003	IT part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
IE	10171845.4	25/03/2003	IE part of EP2247955	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
IE	9010707.9	25/03/2003	IE part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
HU	10171845.4	25/03/2003	HU part of EP2247955	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
HU	9010707.9	25/03/2003	HU part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
HU	8005869.4	25/03/2003	HU part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GR	10171845.4	25/03/2003	GR part of EP2247955	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GR	9010707.9	25/03/2003	GR part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GR	8005869.4	25/03/2003	GR part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GB	10171845.4	25/03/2003	GB part of EP2247955	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GB	9010707.9	25/03/2003	GB part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GB	8005869.4	25/03/2003	GB part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GB	8075518.8	25/03/2003	GB part of EP1662740	30/04/2008	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GB	8075505.5	25/03/2003	GB part of EP1662739	24/09/2008	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
GB	4251867.4	25/03/2003	GB part of EP1483256	10/05/2006	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FR	10171845.4	25/03/2003	FR part of EP2247955	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FR	9010707.9	25/03/2003	FR part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FR	8005869.4	25/03/2003	FR part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FR	8076518.8	25/03/2003	FR part of EP1662740	30/04/2008	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FR	8075505.5	25/03/2003	FR part of EP1662739	24/09/2008	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FR	4251867.4	25/03/2003	FR part of EP1483256	10/05/2006	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM

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FI	10171645.4	25/03/2003	FI part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FI	9010707.9	25/03/2003	FI part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
FI	8005969.4	25/03/2003	FI part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
ES	10171845.4	25/03/2003	ES part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
ES	9010707.9	25/03/2003	ES part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
ES	8005969.4	25/03/2003	ES part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DK	10171645.4	25/03/2003	DK part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DK	9010707.9	25/03/2003	DK part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DK	8005969.4	25/03/2003	DK part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DE	10171645.4	25/03/2003	DE part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DE	9010707.9	25/03/2003	DE part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DE	8005969.4	25/03/2003	DE part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DE	6075518.8	25/03/2003	DE part of EP1682740	30/04/2008	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DE	6075505.5	25/03/2003	DE part of EP1682739	24/09/2008	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DE	4251867.4	25/03/2003	DE part of EP1465256	10/06/2006	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
CZ	10171845.4	25/03/2003	CZ part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
CZ	9010707.9	25/03/2003	CZ part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
CZ	8005969.4	25/03/2003	CZ part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
CH	10171645.4	25/03/2003	CH part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
CH	9010707.9	25/03/2003	CH part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
CH	8005969.4	25/03/2003	CH part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
BG	10171645.4	25/03/2003	BG part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
BG	9010707.9	25/03/2003	BG part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM

Country	Filing Number	Filing Date	Grant Number	Grant Date	Title
BG	8095988.4	26/03/2003	BG part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
BE	10171846.4	26/03/2003	BE part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
BE	9010707.9	25/03/2003	BE part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
BE	9025969.4	25/03/2003	BE part of EP1927097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
AT	10171846.4	25/03/2003	AT part of EP2247055	14/03/2012	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
AT	9010707.9	25/03/2003	AT part of EP2117195	04/08/2010	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
AT	8006969.4	25/03/2003	AT part of EP1931097	07/10/2009	INTERLEAVER FOR MAPPING SYMBOLS ON THE CARRIERS OF AN OFDM SYSTEM
DE	2251922.3	14/03/2003	1345425	11/05/2005	METHOD AND DIGITAL TELEVISION UNIT FOR OPERATING BROADCAST APPLICATIONS
US	11873036	14/07/2005			DATA TRANSMISSION SYSTEM RECEIVING APPARATUS, RECEIVING METHOD AS WELL AS COMPUTER PROGRAM PRODUCT
JP	2006194925	14/07/2005	4347332	24/07/2009	DATA TRANSMISSION SYSTEM RECEIVING APPARATUS, RECEIVING METHOD AS WELL AS COMPUTER PROGRAM PRODUCT
EP	7113395.4	14/07/2005	1879393	24/12/2014	DATA TRANSMISSION SYSTEM RECEIVING APPARATUS, RECEIVING METHOD AS WELL AS COMPUTER PROGRAM PRODUCT
DE	7113395.4	14/07/2005	1879393	24/12/2014	DATA TRANSMISSION SYSTEM RECEIVING APPARATUS, RECEIVING METHOD AS WELL AS COMPUTER PROGRAM PRODUCT
JP	20140322339	06/05/1998			NETWORKED CONDITIONAL ACCESS MODULE
JP	2012238696	06/05/1998			NETWORKED CONDITIONAL ACCESS MODULE
JP	2010210207	06/05/1998	5324640	26/07/2013	NETWORKED CONDITIONAL ACCESS MODULE
JP	2009289185	06/05/1998	5162572	21/12/2012	NETWORKED CONDITIONAL ACCESS MODULE
JP	2009047742	06/05/1998	5005651	01/06/2012	NETWORKED CONDITIONAL ACCESS MODULE
US	140046180	06/05/1998			NETWORKED CONDITIONAL ACCESS MODULE
US	114612565	06/05/1998	8584355	12/11/2013	NETWORKED CONDITIONAL ACCESS MODULE
US	06874616	06/05/1998	7340113	03/07/2007	NETWORKED CONDITIONAL ACCESS MODULE
KR	20007013372	06/05/1998	10-07-53269	27/09/2007	NETWORKED CONDITIONAL ACCESS MODULE
CN	201010535879.1	06/05/1998	ZL201010535879.1	10/09/2014	NETWORKED CONDITIONAL ACCESS MODULE
CN	201010535857.5	06/05/1998	ZL201010535857.5	19/03/2014	NETWORKED CONDITIONAL ACCESS MODULE
CN	201010535843.3	06/05/1998	ZL201010535843.3	19/03/2014	NETWORKED CONDITIONAL ACCESS MODULE
CN	200810134918.X	06/05/1998	ZL200810134918.X	13/02/2013	NETWORKED CONDITIONAL ACCESS MODULE

Country	Filing Number	Filing Date	Grant Number	Grant Date	Title
CN	99808333.X	05/05/1998	ZL99808333.X	05/07/2011	NETWORKED CONDITIONAL ACCESS MODULE