## **Dolby International AB**

JP5562408

### INFOCITY, Inc.

JP4302537

JP5247097

## INFOCITY, Inc. / Nippon Hoso Kyokai

JP6789553

## InterDigital CE Patent Holdings, SAS

JP5877065

JP6176871

## JVCKENWOOD Corporation

JP4620788

JP5070979

### **KDDI CORPORATION**

JP5254162

### LG Electronics Inc.

JP6291081

JP6392792

### Maxell, Ltd.

JP4406672

JP4431598

JP4431599

JP4565049

JP4613212

JP4625764

JP4629789

JP4629790

JP4871992

JP4901993

JP4997362

JP5002370

JP5002699

JP5017474

JP5050122

JP5050129

JP5063827

JP5081512

JP5095018

JP5095022

JP5095026

JP5111542

JP5111543 JP5114600

JP5156795

JP5188634

JP5223027

JP5223028

JP5223029

JP5223030

JP5236112

JP5236113

JP5241945

JP5241946

JP5372383

JP5380614

JP5413534

JP5450876

JP5501081

JP5522644

JP5559605

JP5588489

JP5603475

JP5684415

JP5695150

JP5710895

JP5805835

JP5849126

JP5896436

## **NEC Corporation**

JP4666231

JP4973790

JP5300074

JP5682181

### **NHK Foundation**

JP5113954

JP5113955

## Nippon Hoso Kyokai

JP5156037

JP5156038

JP5156039

JP5156143

JP5156144

JP5175883

# Nippon Hoso Kyokai

JP5269238

JP5269239

JP5269240

JP5269241

JP5271445

JP5544395

JP5548726

JP5584729

JP5584730

JP5586657

JP5586658

JP5586770

JP5923137

JP6018796

JP6068721

JP6097443

JP6101384

JP6154972

JP6214809

JP6214810

JP6214811

JP6271065

JP6271066

JP6275308

JP6323805

JP6388295

JP6803357

JP6858303

### Orange SA

JP4673302

## **Sharp Corporation**

JP3720347

JP4786739

## Sony Group Corporation

JP5516826

JP5595590

JP5696913

JP5696914

JP5696915

JP5708874

JP5708875

JP5725390

JP5725391

JP5725392

JP5757601

JP5777793

JP5777794

### **Toshiba Corporation**

JP5087022

JP5132808

JP5254411

JP5479631

JP5921398

JP6239674

### TVS REGZA Corporation

# TVS REGZA Corporation

JP7230097

JP7230133

JP7230134

JP7230135

# Fujitsu Limited

### INFOCITY, Inc.

JP3759720 \* Expired May 13, 2017

## InterDigital CE Patent Holdings, SAS

JP2806587	* Expired October 20, 2009
JP3169903	* Expired January 31, 2017
JP3380252	* Expired November 22, 2013
JP3699129	* Expired May 22, 2017
JP3880616	* Expired December 1, 2014
JP3881236	* Expired January 4, 2015
JP4070831	* Expired November 20, 2015
JP4173535	* Expired March 15, 2015
JP4174549	* Expired November 20, 2015
JP4251668	* Expired August 21, 2015
JP4347275	* Expired August 20, 2013
JP4347276	* Expired August 20, 2013
JP4418754	* Expired October 2, 2023
JP4527135	* Expired August 21, 2015
JP4623524	* Expired August 21, 2015
JP4671248	* Expired August 20, 2013
JP4729176	* Expired October 8, 2019

## JVCKENWOOD Corporation

JP2521160	* Expired November 7, 2009
JP2853727	* Expired February 22, 2014
JP2874729	* Expired January 30, 2015

# JVCKENWOOD Corporation

JP3102416	* Expired February 22, 2014
JP3156892	* Expired July 30, 2013
JP3156893	* Expired August 19, 2013
JP3405345	* Expired January 24, 2020
JP3405347	* Expired January 24, 2020
JP3405348	* Expired January 24, 2020
JP3422458	* Expired July 11, 2017
JP3431609	* Expired July 11, 2017
JP3453696	* Expired November 7, 2016
JP3518757	* Expired January 30, 2015
JP3518761	* Expired January 30, 2015
JP3582428	* Expired November 16, 2019
JP3627734	* Expired October 29, 2013
JP3804865	* Expired January 30, 2015
JP3830074	* Expired June 15, 2020
JP4221732	* Expired October 29, 2013
JP4269506	* Expired September 29, 2020
JP4743237	* Expired September 29, 2020
JP4884505	* Expired September 29, 2020
JP5214039	* Expired September 29, 2020

### JVCKENWOOD Corporation / Panasonic Holdings Corporation

# LG Electronics Inc.

, —	
JP2760799	* Expired April 28, 2008
JP2798086	* Expired April 28, 2008
JP2798087	* Expired April 28, 2008
JP2870531	* Expired April 28, 2008
JP2870532	* Expired April 28, 2008
JP2980085	* Expired April 28, 2008
JP2989742	* Expired May 20, 2014
JP2993487	* Expired April 28, 2008
JP3025658	* Expired July 20, 2010
JP3031285	* Expired July 20, 2010
JP3075063	* Expired February 17, 2014
JP3119116	* Expired June 7, 2015
JP3178467	* Expired July 20, 2010
JP3217137	* Expired July 28, 2012
JP3275881	* Expired April 28, 2008
JP3275916	* Expired July 20, 2010
JP3277894	* Expired April 28, 2008
JP3443572	* Expired July 28, 2012
JP3491431	* Expired February 20, 2016
JP3496635	* Expired March 22, 2014
JP3498403	* Expired February 10, 2015
JP3502241	* Expired August 28, 2011
JP3502260	* Expired August 28, 2011
JP3520595	* Expired March 29, 2015
JP3527908	* Expired July 28, 2012
JP3591274	* Expired February 17, 2018
JP3652176	* Expired August 13, 2019
JP3661001	* Expired July 20, 2010
JP3731379	* Expired April 8, 2019
JP3780079	* Expired October 29, 2017

JP3780780	* Expired November 19, 2019
JP3785010	* Expired December 1, 2019
JP3795266	* Expired July 30, 2019
JP3838265	* Expired April 8, 2019
JP3922110	* Expired February 20, 2016
JP4029569	* Expired January 10, 2021
JP4042419	* Expired January 31, 2022
JP4062890	* Expired April 20, 2021
JP4103933	* Expired January 11, 2022
JP4103934	* Expired January 11, 2022
JP4103935	* Expired January 11, 2022
JP4162033	* Expired April 20, 2021
JP4192995	* Expired November 10, 2017
JP4201055	* Expired January 31, 2022
JP4208033	* Expired April 19, 2016
JP4225365	* Expired January 22, 2021
JP4238928	* Expired January 31, 2022
JP4254903	* Expired April 20, 2021
JP4299976	* Expired March 2, 2021
JP4300190	* Expired July 31, 2017
JP4332284	* Expired June 9, 2020
JP4340693	* Expired March 2, 2021
JP4340694	* Expired March 2, 2021
JP4340702	* Expired February 16, 2021
JP4340708	* Expired February 16, 2021
JP4340709	* Expired February 16, 2021
JP4345694	* Expired April 27, 2015
JP4353306	* Expired February 17, 2014
JP4360382	* Expired January 19, 2019
JP4379428	* Expired December 17, 2016

JP4379528	* Expired March 28, 2022
JP4400530	* Expired November 19, 2019
JP4424118	* Expired December 1, 2019
JP4431617	* Expired October 29, 2017
JP4431619	* Expired October 29, 2017
JP4431633	* Expired December 17, 2016
JP4431635	* Expired December 17, 2016
JP4443060	* Expired February 9, 2021
JP4474434	* Expired January 19, 2019
JP4474486	* Expired December 3, 2023
JP4484840	* Expired June 9, 2020
JP4484945	* Expired February 17, 2018
JP4500847	* Expired December 15, 2020
JP4512664	* Expired June 9, 2020
JP4538414	* Expired October 19, 2021
JP4538488	* Expired July 31, 2017
JP4538489	* Expired July 31, 2017
JP4547097	* Expired January 22, 2021
JP4558100	* Expired February 17, 2018
JP4576066	* Expired April 10, 2021
JP4576471	* Expired January 10, 2023
JP4576481	* Expired January 10, 2023
JP4597229	* Expired June 25, 2018
JP4597231	* Expired October 19, 2021
JP4597252	* Expired February 9, 2021
JP4597266	* Expired October 19, 2021
JP4627790	* Expired January 22, 2021
JP4637226	* Expired January 10, 2021
JP4637254	* Expired March 28, 2022
JP4654302	* Expired February 28, 2021

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JP4654307	* Expired June 25, 2018
JP4654319	* Expired February 9, 2021
JP4663601	* Expired July 28, 2018
JP4686584	* Expired December 15, 2017
JP4686632	* Expired December 15, 2017
JP4686641	* Expired December 15, 2017
JP4709298	* Expired April 10, 2021
JP4719818	* Expired February 9, 2021
JP4729634	* Expired December 3, 2023
JP4729635	* Expired December 3, 2023
JP4734464	* Expired February 28, 2021
JP4734482	* Expired February 28, 2021
JP4740384	* Expired January 10, 2021
JP4742176	* Expired June 25, 2018
JP4747223	* Expired December 15, 2020
JP4751953	* Expired December 15, 2020
JP4751959	* Expired April 10, 2021
JP4783850	* Expired June 21, 2021
JP4790825	* Expired July 28, 2018
JP4790850	* Expired January 10, 2023
JP4792543	* Expired July 28, 2018
JP4797088	* Expired November 19, 2019
JP4876189	* Expired June 21, 2021
JP4959851	* Expired June 21, 2021
JP5063629	* Expired June 4, 2021
JP5156803	* Expired June 4, 2021
JP5292371	* Expired October 11, 2022
JP5478690	* Expired June 4, 2021

# Maxell, Ltd. / Nippon Hoso Kyokai

JP3884881 \* Expired May 21, 2019

# Maxell, Ltd. / Nippon Hoso Kyokai

## Mitsubishi Electric Corporation

JP2935788	* Expired June 4, 2013
JP3172425	* Expired February 1, 2016
JP3215952	* Expired April 7, 2012
JP3216531	* Expired July 24, 2016
JP3216534	* Expired August 29, 2016
JP3301055	* Expired March 29, 2016
JP3316572	* Expired April 7, 2012
JP3316573	* Expired April 7, 2012
JP3468115	* Expired August 4, 2018
JP3505378	* Expired January 29, 2018
JP3740712	* Expired June 13, 2015
JP3800886	* Expired October 12, 2019
JP3817816	* Expired March 12, 2017
JP3909947	* Expired February 16, 2018
JP4040053	* Expired March 12, 2017
JP4040078	* Expired March 12, 2017
JP4089714	* Expired June 13, 2015
JP4096995	* Expired June 13, 2015
JP4250817	* Expired August 4, 2019
JP4250832	* Expired October 14, 2019
JP4270833	* Expired September 27, 2022
JP4303085	* Expired October 23, 2023
JP4336063	* Expired June 12, 2021
JP4553996	* Expired May 14, 2018
JP4697369	* Expired July 12, 2021
JP4844588	* Expired February 1, 2020
JP4888458	* Expired October 14, 2019

#### Mitsubishi Electric Corporation

### **NEC Corporation**

#### Nippon Hoso Kyokai

JP2883238

JP2904986 \* Expired January 31, 2012 JP3051729 \* Expired December 11, 2018 JP3096020 \* Expired December 16, 2017 \* Expired June 13, 2011 JP3103617 JP3253524 \* Expired May 28, 2016 JP3691211 \* Expired May 30, 2017 JP3795183 \* Expired May 16, 2017 JP3884869 \* Expired September 25, 2018 JP4266387 \* Expired November 13, 2020 JP4806444 \* Expired May 24, 2021

\* Expired February 6, 2012

#### Orange SA

JP4391412 \* Expired April 30, 2023

# Orange SA / TDF SAS

\* Expired January 17, 2012 JP3044899 JP3827718 \* Expired June 13, 2015

# Panasonic Holdings Corporation

JP3008651	* Expired March 27, 2012
JP3061053	* Expired March 27, 2012
JP3061054	* Expired March 27, 2012
JP3109552	* Expired March 26, 2013
JP3114727	* Expired March 27, 2012
JP3153188	* Expired September 14, 2018
JP3154704	* Expired March 26, 2013
JP3154705	* Expired March 26, 2013
JP3154706	* Expired March 26, 2013
JP3154707	* Expired March 26, 2013
JP3162452	* Expired February 3, 2012
JP3231035	* Expired September 24, 2013
JP3231036	* Expired September 24, 2013
JP3233625	* Expired September 24, 2013
JP3233626	* Expired September 24, 2013
JP3233850	* Expired March 13, 2016
JP3248807	* Expired March 25, 2014
JP3327914	* Expired March 25, 2014
JP3327915	* Expired March 25, 2014
JP3327916	* Expired March 25, 2014
JP3359328	* Expired September 24, 2013
JP3366194	* Expired October 1, 2016
JP3382569	* Expired October 14, 2019
JP3387769	* Expired February 21, 2017
JP3408469	* Expired September 14, 2019
JP3410077	* Expired September 24, 2013
JP3410078	* Expired September 24, 2013

# Panasonic Holdings Corporation

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JP3410085	* Expired March 25, 2014
JP3431465	* Expired September 11, 2017
JP3431470	* Expired September 1, 2017
JP3439738	* Expired September 24, 2013
JP3439739	* Expired September 24, 2013
JP3447207	* Expired December 5, 2017
JP3464656	* Expired August 10, 2021
JP3482750	* Expired September 28, 2015
JP3489574	* Expired February 26, 2018
JP3511013	* Expired January 22, 2021
JP3523643	* Expired March 27, 2018
JP3526458	* Expired October 19, 2019
JP3529395	* Expired October 23, 2012
JP3534710	* Expired March 13, 2016
JP3563346	* Expired April 16, 2018
JP3588460	* Expired March 27, 2012
JP3615685	* Expired April 6, 2020
JP3643835	* Expired March 26, 2013
JP3646110	* Expired May 30, 2017
JP3646113	* Expired September 1, 2017
JP3677018	* Expired May 30, 2017
JP3724070	* Expired August 2, 2016
JP3754999	* Expired December 9, 2017
JP3779311	* Expired February 26, 2018
JP3829141	* Expired March 27, 2012
JP3869839	* Expired March 27, 2012
JP3881679	* Expired March 25, 2014
JP3881680	* Expired September 24, 2013
JP3958249	* Expired December 5, 2017
JP3958250	* Expired December 5, 2017

#### Panasonic Holdings Corporation

JP3965207 \* Expired February 28, 2023 JP3987526 \* Expired March 26, 2013 JP4006357 \* Expired December 5, 2017 JP4028641 \* Expired September 24, 2018 JP4042745 \* Expired July 16, 2023 JP4044077 \* Expired March 23, 2019 \* Expired December 6, 2015 JP4065014 \* Expired March 23, 2019 JP4135252 JP4189017 \* Expired December 5, 2017 JP4257090 \* Expired September 30, 2022 \* Expired July 27, 2020 JP4369990 JP4410307 \* Expired July 27, 2020 JP4744625 \* Expired July 27, 2020

#### Panasonic Holdings Corporation / Nippon Hoso Kyokai

#### **Pioneer Corporation**

#### Sanyo Electric Co., Ltd.

JP3108392 \* Expired October 1, 2017

JP3481107 \* Expired December 4, 2017

#### **Sharp Corporation**

JP2945569 \* Expired October 27, 2013 JP2981448 \* Expired October 27, 2013 JP3256434 \* Expired March 29, 2016 JP3518739 \* Expired January 30, 2015 JP3524706 \* Expired December 16, 2016 JP3544165 \* Expired March 22, 2020 \* Expired November 21, 2017 JP3590511 \* Expired September 24, 2017 JP3659776 JP3708028 \* Expired May 30, 2021 \* Expired April 24, 2021 JP3714886 JP3720722 \* Expired March 7, 2021 JP3775937 \* Expired March 18, 2019 JP3824833 \* Expired February 21, 2020 JP3842959 \* Expired June 21, 2020 JP4129408 \* Expired April 16, 2023 JP4137613 \* Expired December 3, 2022

#### Sony Group Corporation

JP3077467 \* Expired October 8, 2013 JP3082820 \* Expired November 25, 2013 \* Expired March 13, 2012 JP3114339 JP3125787 \* Expired December 28, 2015 \* Expired December 25, 2015 JP3127920 JP3250333 \* Expired August 27, 2013 JP3252706 \* Expired May 16, 2016 JP3381164 \* Expired August 27, 2013 \* Expired August 27, 2013 JP3381165 JP3407712 \* Expired May 16, 2016 \* Expired January 27, 2012 JP3417406 \* Expired March 10, 2015 JP3564698 JP3570402 \* Expired August 27, 2013

#### Sony Group Corporation

JP3658919 \* Expired April 15, 2017

JP3666093 \* Expired December 25, 2015

JP3835655 \* Expired June 9, 2018

JP3844527 \* Expired May 31, 2015

JP3864514 \* Expired September 22, 2017
JP3901179 \* Expired October 8, 2012

JP3975473 \* Expired March 25, 2018

JP4046873 \* Expired November 16, 2018

JP4081780 \* Expired April 30, 2018

JP4135241 \* Expired December 18, 2018

#### Sony Group Corporation / Nippon Hoso Kyokai

JP3940541 \* Expired February 25, 2020

#### Sony Group Corporation / Toshiba Corporation / Nippon Hoso Kyokai

JP2975932 \* Expired July 9, 2018

#### The Trustees of Columbia University in the City of New York

JP4194240 \* Expired January 29, 2019
JP4393591 \* Expired February 13, 2018

#### Toshiba Corporation

JP2941398 \* Expired September 29, 2010

# Toshiba Corporation

JP3435277	* Expired January 30, 2016
JP3474510	* Expired February 29, 2020
JP3602768	* Expired April 12, 2020
JP3824574	* Expired February 29, 2020
JP3824575	* Expired February 29, 2020
JP3917611	* Expired April 12, 2020
JP3971346	* Expired June 16, 2023