Dolby International AB

JP5562408

INFOCITY, Inc.

JP5247097

JP6310109

INFOCITY, Inc. / Nippon Hoso Kyokai

JP6789553

InterDigital CE Patent Holdings, SAS

JP5877065

JP6176871

JVCKENWOOD Corporation

JP4620788

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KDDI CORPORATION

JP5254162

LG Electronics Inc.

JP6291081

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Maxell, Ltd.

JP4431598

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MxH Corporation

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NEC Corporation

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NHK Foundation

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Nippon Hoso Kyokai

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Nippon Hoso Kyokai

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Orange SA

JP5396600

Panasonic Holdings Corporation

JP4735264

Sharp Corporation

JP4786739

JP6363745

JP7478316

Sony Group Corporation

JP4518058

JP4581955

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Sony Group Corporation

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Toshiba Corporation

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Toshiba Corporation

JP6271203

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TVS REGZA Corporation

JP4444361

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JP6972254

JP7230096

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JP7230135

Fujitsu Limited

JP3918329 * Expired November 24, 2018
JP4603570 * Expired March 31, 2023
JP4791521 * Expired March 31, 2023
JP4791583 * Expired March 31, 2023

INFOCITY, Inc.

InterDigital CE Patent Holdings, SAS

JP2806587 * Expired October 20, 2009 JP3169903 * Expired January 31, 2017 JP3380252 * Expired November 22, 2013 JP3650064 * Expired January 4, 2015 JP3699129 * Expired May 22, 2017 JP3880616 * Expired December 1, 2014 JP3881236 * Expired January 4, 2015 JP3907706 * Expired December 15, 2017 * Expired March 6, 2018 JP3960483 JP3962064 * Expired January 4, 2015 JP4070831 * Expired November 20, 2015 JP4173535 * Expired March 15, 2015 * Expired November 20, 2015 JP4174549 * Expired November 20, 2015 JP4219963 JP4251668 * Expired August 21, 2015 JP4302313 * Expired June 30, 2018 JP4331765 * Expired March 6, 2018 * Expired June 28, 2016 JP4335936 * Expired August 20, 2013 JP4347275 JP4347276 * Expired August 20, 2013 JP4360557 * Expired June 28, 2016

InterDigital CE Patent Holdings, SAS

JP4360560	* Expired December 17, 2017
JP4382150	* Expired December 1, 2014
JP4385302	* Expired December 1, 2014
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JP4565521	* Expired December 17, 2017
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JP4805639	* Expired June 30, 2018
JP5005868	* Expired January 3, 2021
JP5147081	* Expired October 8, 2019
JP5263847	* Expired August 1, 2017
JP5645277	* Expired August 1, 2017
JP5781049	* Expired October 8, 2019

JVCKENWOOD Corporation

JP2521160	* Expired November 7, 2009
JP2853727	* Expired February 22, 2014
JP2874729	* Expired January 30, 2015
JP3055540	* Expired January 30, 2015
JP3102416	* Expired February 22, 2014

JVCKENWOOD Corporation

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
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JP3431609	* Expired July 11, 2017
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JP3627734	* Expired October 29, 2013
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JP3818536	* Expired January 30, 2015

JVCKENWOOD Corporation

JVCKENWOOD Corporation / Nippon Hoso Kyokai

JVCKENWOOD Corporation / Panasonic Holdings Corporation

KYOCERA Corporation

JP4753565 * Expired November 10, 2024

LG Electronics Inc.

Maxell, Ltd.

JP2760799 * Expired April 28, 2008 * Expired April 28, 2008 JP2798086 JP2798087 * Expired April 28, 2008 JP2870531 * Expired April 28, 2008 * Expired April 28, 2008 JP2870532 * Expired August 28, 2011 JP2960803 * Expired April 28, 2008 JP2980085 JP2989742 * Expired May 20, 2014

JP2993487	* Expired April 28, 2008
JP3008884	* Expired July 20, 2010
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JP3011239	* Expired July 20, 2010
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JP3031284	* Expired July 20, 2010
JP3031285	* Expired July 20, 2010
JP3075063	* Expired February 17, 2014
JP3119116	* Expired June 7, 2015
JP3139910	* Expired March 31, 2014
JP3149627	* Expired June 7, 2013
JP3178467	* Expired July 20, 2010
JP3217137	* Expired July 28, 2012
JP3275881	* Expired April 28, 2008
JP3275916	* Expired July 20, 2010
JP3275917	* 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
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JP3520595	* Expired March 29, 2015
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JP3564961	* Expired August 21, 2017
JP3591274	* Expired February 17, 2018
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JP3652176	* Expired August 13, 2019
JP3661001	* Expired July 20, 2010

JP3675442	* Expired February 17, 2014
JP3685093	* Expired April 27, 2015
JP3714276	* Expired April 27, 2015
JP3780079	* Expired October 29, 2017
JP3785010	* Expired December 1, 2019
JP3793543	* Expired July 20, 2010
JP3795266	* Expired July 30, 2019
JP3829574	* Expired March 9, 2020
JP3882295	* Expired November 10, 2017
JP3922110	* Expired February 20, 2016
JP3937889	* Expired March 28, 2022
JP3979435	* Expired April 19, 2016
JP3983256	* Expired July 20, 2010
JP3995017	* Expired November 10, 2017
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JP4046006	* Expired August 21, 2017
JP4062890	* Expired April 20, 2021
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JP4201055	* Expired January 31, 2022
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JP4254903	* Expired April 20, 2021
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JP4300170	* Expired October 15, 2012
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JP4332284	* Expired June 9, 2020
JP4340693	* Expired March 2, 2021
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JP4340702	* Expired February 16, 2021
JP4340708	* Expired February 16, 2021
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JP4345694	* Expired April 27, 2015
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JP4474434	* Expired January 19, 2019
JP4474442	* 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

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JP4538488	* Expired July 31, 2017
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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
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JP4654307	* Expired June 25, 2018
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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
JP4871992	* Expired October 13, 2024
JP4876189	* Expired June 21, 2021
JP4901993	* Expired October 13, 2024
JP4959851	* Expired June 21, 2021
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JP5002772	* Expired April 22, 2013
JP5002773	* Expired April 22, 2013
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JP5050129	* Expired October 13, 2024
JP5063629	* Expired June 4, 2021
JP5156803	* Expired June 4, 2021
JP5292371	* Expired October 11, 2022
JP5452685	* Expired October 11, 2022
JP5478690	* Expired June 4, 2021

Maxell, Ltd. / Nippon Hoso Kyokai

Maxell, Ltd. / Pioneer Corporation

JP2911861 * Expired November 26, 2017

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
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JP3468115	* Expired August 4, 2018
JP3505378	* Expired January 29, 2018
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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
JP4888459	* Expired October 14, 2019
JP4947192	* Expired May 14, 2018
JP4947198	* Expired May 14, 2018

Mitsubishi Electric Corporation

NEC Corporation

JP3090137 * Expired January 29, 2019 JP3270373 * Expired October 24, 2017 * Expired April 9, 2018 JP3332072 * Expired July 13, 2019 JP3501213 JP3531604 * Expired November 24, 2020 * Expired November 20, 2021 JP3832321 JP4045805 * Expired January 11, 2022 * Expired March 7, 2022 JP4051968 * Expired December 28, 2024 JP4066999 * Expired December 19, 2023 JP4200893 JP5056965 * Expired October 5, 2015

Nippon Hoso Kyokai

JP2883238 * Expired February 6, 2012 JP2904986 * Expired January 31, 2012 JP2912323 * Expired January 29, 2018 * Expired December 16, 2017 JP3096020 JP3103617 * Expired June 13, 2011 * Expired May 19, 2017 JP3133958 JP3133960 * Expired May 28, 2017 JP3253524 * Expired May 28, 2016 JP3352940 * Expired April 16, 2018 * Expired September 12, 2016 JP3457482 * Expired September 18, 2017 JP3504470 * Expired May 30, 2017 JP3691211 JP3795183 * Expired May 16, 2017 JP3884869 * Expired September 25, 2018

Nippon Hoso Kyokai

Orange SA

Orange SA / TDF SAS

JP3044899 * Expired January 17, 2012 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 JP3149328 * Expired January 9, 2015 JP3153188 * Expired September 14, 2018 * Expired March 26, 2013 JP3154704 JP3154705 * Expired March 26, 2013 JP3154706 * Expired March 26, 2013 * Expired March 26, 2013 JP3154707 * Expired February 3, 2012 JP3162452 JP3231035 * Expired September 24, 2013 * Expired September 24, 2013 JP3231036 * Expired September 24, 2013 JP3233625 JP3233626 * Expired September 24, 2013

Panasonic Holdings Corporation

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
JP3359327	* Expired March 26, 2013
JP3359328	* Expired September 24, 2013
JP3361997	* Expired June 25, 2018
JP3366194	* Expired October 1, 2016
JP3380138	* Expired May 30, 2017
JP3382569	* Expired October 14, 2019
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JP3408469	* Expired September 14, 2019
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JP3410078	* Expired September 24, 2013
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JP3431465	* Expired September 11, 2017
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JP3439738	* Expired September 24, 2013
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JP3464656	* Expired August 10, 2021
JP3472774	* Expired March 26, 2013
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JP3489574	* Expired February 26, 2018
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Panasonic Holdings Corporation

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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
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JP3615685	* Expired April 6, 2020
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JP3646113	* Expired September 1, 2017
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JP3754999	* Expired December 9, 2017
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JP3881680	* Expired September 24, 2013
JP3918830	* Expired February 4, 2019
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JP3965205	* Expired February 28, 2023
JP3965207	* Expired February 28, 2023

Panasonic Holdings Corporation

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JP3965208	* Expired February 28, 2023
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JP4042745	* Expired July 16, 2023
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JP4410307	* Expired July 27, 2020
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JP4649533	* Expired March 9, 2021
JP4666110	* Expired July 16, 2023
JP4744625	* Expired July 27, 2020
JP4766199	* Expired February 28, 2017

Panasonic Holdings Corporation / Nippon Hoso Kyokai

JP3046960	* Expired January 22, 2019
JP3083159	* Expired June 30, 2018
JP4057603	* Expired June 30, 2018
JP4197568	* Expired June 30, 2018
JP4197690	* Expired June 30, 2018

Pioneer Corporation

JP3437666 * Expired February 21, 2015

Sanyo Electric Co., Ltd.

JP3108392 * Expired October 1, 2017

JP3475031 * Expired January 9, 2017

JP3481107 * Expired December 4, 2017

Sharp Corporation

JP2945569 * Expired October 27, 2013 JP2981448 * Expired October 27, 2013 JP3205713 * Expired January 10, 2017 JP3256434 * Expired March 29, 2016 JP3439653 * Expired April 8, 2018 JP3483703 * Expired May 29, 2016 JP3499128 * Expired March 24, 2018 * Expired February 13, 2018 JP3504487 JP3518739 * Expired January 30, 2015 JP3522542 * Expired July 29, 2018 JP3523470 * Expired November 17, 2017 * Expired December 16, 2016 JP3524706 JP3544165 * Expired March 22, 2020 JP3590511 * Expired November 21, 2017 JP3659776 * Expired September 24, 2017 JP3698654 * Expired April 26, 2021 * Expired May 30, 2021 JP3708028 * Expired April 24, 2021 JP3714886 JP3717422 * Expired May 28, 2021 JP3720347 * Expired April 13, 2024

Sharp Corporation

JP3720722 * Expired March 7, 2021 JP3775937 * Expired March 18, 2019 JP3824833 * Expired February 21, 2020 JP3841617 * Expired April 13, 2020 JP3842959 * Expired June 21, 2020 JP3916499 * Expired April 24, 2022 * Expired April 16, 2023 JP4129408 * Expired December 3, 2022 JP4137613 JP4165987 * Expired August 10, 2020 * Expired June 12, 2023 JP4190357

Sony Group Corporation

* Expired October 8, 2013 JP3077467 * Expired November 25, 2013 JP3082820 JP3107090 * Expired August 11, 2018 JP3107092 * Expired August 11, 2018 JP3114339 * Expired March 13, 2012 JP3125787 * Expired December 28, 2015 * Expired December 25, 2015 JP3127920 JP3209421 * Expired November 25, 2013 JP3209422 * Expired November 25, 2013 JP3250333 * Expired August 27, 2013 * Expired May 16, 2016 JP3252706 JP3371367 * Expired November 25, 2013 JP3371368 * Expired November 25, 2013 * Expired August 27, 2013 JP3381164 JP3381165 * Expired August 27, 2013 JP3407712 * Expired May 16, 2016 * Expired January 27, 2012 JP3417406 * Expired October 27, 2015 JP3430792 JP3452236 * Expired March 19, 2017

Sony Group Corporation

JP3491401	* Expired August 2, 2015
JP3564698	* Expired March 10, 2015
JP3570402	* Expired August 27, 2013
JP3610973	* Expired May 22, 2015
JP3613865	* Expired December 7, 2015
JP3617115	* Expired March 31, 2015
JP3630441	* Expired October 29, 2013
JP3644455	* Expired September 29, 2014
JP3654185	* Expired March 10, 2020
JP3658919	* Expired April 15, 2017
JP3666093	* Expired December 25, 2015
JP3685182	* Expired November 13, 2015
JP3689895	* Expired July 28, 2015
JP3712009	* Expired March 28, 2015
JP3712063	* Expired March 28, 2015
JP3799951	* Expired April 13, 2020
JP3835655	* Expired June 9, 2018
JP3844527	* Expired May 31, 2015
JP3864514	* Expired September 22, 2017
JP3901179	* Expired October 8, 2012
JP3906592	* Expired January 5, 2019
JP3988755	* Expired May 22, 2015
JP4006714	* Expired July 25, 2017
JP4046873	* Expired November 16, 2018
JP4049180	* Expired February 10, 2017
JP4051688	* Expired January 21, 2020
JP4051689	* Expired January 21, 2020
JP4067012	* Expired August 11, 2018
JP4067013	* Expired August 11, 2018
JP4072692	* Expired September 29, 2014

Sony Group Corporation

JP4081780 * Expired April 30, 2018 JP4089743 * Expired March 7, 2017 JP4099599 * Expired February 10, 2017 JP4122525 * Expired August 11, 2018 JP4190594 * Expired December 28, 2015 JP4296895 * Expired December 28, 2015 * Expired April 17, 2020 JP4314745 * Expired March 7, 2017 JP4508249 JP4543555 * Expired April 11, 2020 JP5071746 * Expired June 24, 2024 JP5071749 * Expired June 24, 2024 JP5110661 * Expired April 4, 2016 JP5187352 * Expired June 21, 2024 * Expired June 24, 2024 JP5339168

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

Toshiba Corporation

JP3805910 * Expired October 5, 2018 JP3971346 * Expired June 16, 2023 JP4346471 * Expired February 27, 2024

Toshiba Corporation / TVS REGZA Corporation

JP3239084 * Expired May 30, 2017 * Expired December 26, 2017 JP3350428 JP3350515 * Expired December 26, 2017 * Expired February 29, 2020 JP3474510 JP3545752 * Expired December 26, 2017 * Expired December 26, 2017 JP3583769 JP3602768 * Expired April 12, 2020 JP3663149 * Expired May 21, 2021 * Expired February 29, 2020 JP3824574 JP3824575 * Expired February 29, 2020 JP3917611 * Expired April 12, 2020 JP4127778 * Expired August 26, 2022 JP4607941 * Expired August 26, 2022 JP4703631 * Expired August 26, 2022 * Expired August 26, 2022

TVS REGZA Corporation

JP4703632

JP4138575 * Expired May 22, 2023

Sony Group Corporation

JP4337228 * Removed as of August 1, 2014

JP4352701 * Removed as of August 1, 2014