

## Satellite-UHDTV Essential Patent Portfolio

April 1, 2026

### **Dolby International AB**

JP5562408

### **INFOCITY, Inc.**

JP5247097

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### **INFOCITY, Inc. / Nippon Hoso Kyokai**

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### **InterDigital CE Patent Holdings, SAS**

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### **JVCKENWOOD Corporation**

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### **KDDI CORPORATION**

JP5254162

### **LG Electronics Inc.**

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### **Maxell, Ltd.**

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**Maxell, Ltd.**

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**Mitsubishi Electric Corporation**

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**Nippon Hoso Kyokai**

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**SK planet co., Ltd.**

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**Sony Group Corporation / Nippon Hoso Kyokai**

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**Toshiba Corporation**

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**TVS REGZA Corporation**

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**Fujitsu Limited**

JP4603570	* Expired March 31, 2023
JP4791521	* Expired March 31, 2023
JP5129834	* Expired March 31, 2023

**INFOCITY, Inc.**

JP3759720	* Expired May 13, 2017
JP4302537	* Expired January 7, 2024

**InterDigital CE Patent Holdings, SAS**

JP4331765	* Expired March 6, 2018
JP4531259	* Expired September 24, 2019
JP4729176	* Expired October 8, 2019
JP5005868	* Expired January 3, 2021

**JVCKENWOOD Corporation**

JP3405347	* Expired January 24, 2020
JP3405348	* Expired January 24, 2020
JP3422458	* Expired July 11, 2017
JP4269506	* Expired September 29, 2020
JP4743237	* Expired September 29, 2020
JP5214039	* Expired September 29, 2020

**JVCKENWOOD Corporation / Panasonic Holdings Corporation**

JP3405344	* Expired January 24, 2020
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**LG Electronics Inc.**

JP4806702	* Expired May 13, 2022
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**MASPRO DENKOH CORP.**

JP3431579	* Expired June 13, 2020
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**Maxell, Ltd.**

JP4300190	* Expired July 31, 2017
JP4613212	* Expired October 13, 2024
JP4613256	* Expired January 22, 2021
JP4625757	* Expired December 9, 2025
JP4625764	* Expired December 20, 2025
JP4625870	* Expired December 9, 2025
JP4654309	* Expired December 9, 2025
JP4871992	* Expired October 13, 2024
JP4901993	* Expired October 13, 2024
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JP5050122	* Expired October 13, 2024
JP5050129	* Expired October 13, 2024
JP5095022	* Expired December 20, 2025

**Mitsubishi Electric Corporation**

JP3301055	* Expired March 29, 2016
JP3468115	* Expired August 4, 2018
JP3505378	* Expired January 29, 2018
JP4697369	* Expired July 12, 2021

**NEC Corporation**

JP3332072	* Expired April 9, 2018
JP3531604	* Expired November 24, 2020
JP3832321	* Expired November 20, 2021
JP4045805	* Expired January 11, 2022
JP4051968	* Expired March 7, 2022
JP4973790	* Expired January 28, 2025

**Nippon Hoso Kyokai**

JP3816397	* Expired January 16, 2022
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**Orange SA**

JP4391412 \* Expired April 30, 2023

**Panasonic Holdings Corporation**

JP3108392 \* Expired October 1, 2017

JP3523643 \* Expired March 27, 2018

**Samsung Electronics Co., Ltd.**

JP6803936 \* Expired December 3, 2023

**Sharp Corporation**

JP5661206 \* Expired December 12, 2022

JP6137754 \* Expired May 12, 2022

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JP6238086 \* Expired November 10, 2021

JP6279063 \* Expired January 26, 2022

JP6279140 \* Expired January 26, 2022

JP6309061 \* Expired March 23, 2022

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

JP4393591 \* Expired February 13, 2018

**Toshiba Corporation**

JP3971346 \* Expired June 16, 2023

JP4346471 \* Expired February 27, 2024

JP4350714 \* Expired February 27, 2026

JP4843686 \* Expired February 27, 2026

**Toshiba Corporation / TVS REGZA Corporation**

JP3474510 \* Expired February 29, 2020

JP3663149 \* Expired May 21, 2021

**TVS REGZA Corporation**

JP4542914	* Expired February 8, 2025
JP4595006	* Expired March 27, 2026
JP5225324	* Expired February 8, 2025