

## CATV-Compliant ARIB Essential Patent Portfolio

As of July 1, 2010

### France Telecom, SA / Telediffusion de France

JP3044899

JP3827718

### FUJITSU Limited

JP3918329

### Hitachi Consumer Electronics Co., Ltd.

JP2760799 \* Expired on 2008/04/28

JP2798086 \* Expired on 2008/04/28

JP2798087 \* Expired on 2008/04/28

JP2870531 \* Expired on 2008/04/28

JP2870532 \* Expired on 2008/04/28

JP2960803

JP2980085 \* Expired on 2008/04/28

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JP2993487 \* Expired on 2008/04/28

JP3008884

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As of July 1, 2010

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\* Expired on 2008/04/28

JP3443572

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## **CATV-Compliant ARIB Essential Patent Portfolio**

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JP4443060

### **Hitachi Consumer Electronics Co., Ltd. / Nippon**

JP3884881

JP4414969

### **Hitachi Consumer Electronics Co., Ltd. / Pioneer**

JP2911861

### **Kenwood Corporation**

JP3453696

### **Mitsubishi Electric Corporation**

JP2935788

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As of July 1, 2010

JP4040078

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### NEC Corporation

JP3090137

### Nippon Hoso Kyokai

JP2883238

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JP3457482

JP3691211

JP3795183

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### Panasonic Corporation

JP3008651

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As of July 1, 2010

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### **Panasonic Corporation / Nippon Hoso Kyokai**

JP3083159

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### **Pioneer Corporation**

JP2852295

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### **Sanyo Electric Co., Ltd.**

JP3108392

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As of July 1, 2010

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### Sharp Corporation

JP2945569

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### Sony Corporation

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### Sony Corporation / Nippon Hoso Kyokai

JP3940541

### Sony Corporation / Toshiba Corporation / Nippon

JP2975932

### Thomson Licensing S.A

JP2806587

\* Expired on 2009/10/20

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### Toshiba Corporation

JP2941398

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### Victor Company of Japan, Limited

JP2521160

\* Expired on 2009/11/07

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