

## 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

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

JP3884881

JP4414969

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

JP2911861

### Kenwood Corporation

JP3453696

### Kenwood Corporation / Nippon Hoso Kyokai

JP3392028

JP3392122

### Mitsubishi Electric Corporation

JP2935788

JP3172425

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## NEC Corporation

JP3090137

## Nippon Hoso Kyokai

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As of July 1, 2010

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## Panasonic Corporation

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

JP3046960

JP3083159

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### **Pioneer Corporation**

JP2852295

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

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### **Sharp Corporation**

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## Sony Corporation

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### Sony Corporation / Nippon Hoso Kyokai

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### Sony Corporation / Toshiba Corporation / Nippon

JP2975932

### Thomson Licensing S.A

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\* Expired on 2009/10/20

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## Toshiba Corporation

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## Victor Company of Japan, Limited

JP2521160

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