

## Part of Exhibit E1 to the DVD-Audio Player Patent License Agreement

### Essential Pioneer Patents relevant to DVD-Audio Player / DVD-ROM part

<i>COUNTRY</i>	<i>REFERENCE</i>	<i>FILING NR</i>	<i>FILING DATE</i>	<i>PUBLICATION NR</i>	<i>GRANT NR</i>	<i>EXPIRY DATE</i>	<i>TITLE</i>
CN	504102CN01	96114320.7	05-dec-1996	CN1156930A	ZL96114320.7	05-dec-2016	Digital data transmitting
CN	504102CN02	200610093817.3	20-jun-2006		ZL200610093817.3	05-dec-2016	Digital data transmitting
CN	504102CN03	200610093831.3	20-jun-2006		ZL200610093831.3	05-dec-2016	Digital data transmitting
CN	504102CN04	200610093830.9	20-jun-2006		ZL200610093830.9	05-dec-2016	Digital data transmitting
DE-EP	504030EP01	95305172.9	25-jul-1995	0694915	69525571.1	25-jul-2015	Multi layer disc
DE-EP	504102EP02	03025667.1	07-nov-2003	1403869	69636916.8	05-dec-2016	Digital data transmitting
DE-EP	504102EP04	06115016.5	06-jun-2006		69638178.8	05-dec-2016	Digital data transmitting
DE-EP	504102EP05	06115021.5	06-jun-2006		69638200.8	05-dec-2016	Digital data transmitting
DE-EP	504188EP01	97301337.8	27-feb-1997		69739836.6	27-feb-2017	Minimum readout rate
FR-EP	504030EP01	95305172.9	25-jul-1995	0694915	00694915	25-jul-2015	Multi layer disc
FR-EP	504102EP02	03025667.1	07-nov-2003	1403869	01403869	05-dec-2016	Digital data transmitting
FR-EP	504102EP04	06115016.5	06-jun-2006		01715485	05-dec-2016	Digital data transmitting
FR-EP	504102EP05	06115021.5	06-jun-2006		01715486	05-dec-2016	Digital data transmitting
FR-EP	504188EP01	97301337.8	27-feb-1997		00793233	27-feb-2017	Minimum readout rate
GB-EP	504030EP01	95305172.9	25-jul-1995	0694915	00694915	25-jul-2015	Multi layer disc
GB-EP	504102EP02	03025667.1	07-nov-2003	1403869	01403869	05-dec-2016	Digital data transmitting
GB-EP	504102EP04	06115016.5	06-jun-2006		01715485	05-dec-2016	Digital data transmitting
GB-EP	504102EP05	06115021.5	06-jun-2006		01715486	05-dec-2016	Digital data transmitting
GB-EP	504188EP01	97301337.8	27-feb-1997		00793233	27-feb-2017	Minimum readout rate
HK	504102HK02	04106418.7	26-aug-2004		1063685	05-dec-2016	Digital data transmitting
ID	504102ID01	P-963596	05-dec-1996		0005541	05-dec-2016	Digital data transmitting
IN	504102IN01	2183/MAS/1996	04-dec-1996		194873	04-dec-2016	Digital data transmitting
JP	504030JP01	1995148907	15-jun-1995	1996096406	03558306	15-jun-2015	Multi layer disc
JP	504102JP01	1995316420	05-dec-1995	1997162857	03394127	05-dec-2015	Digital data transmitting
KR	504102KR01	62001/96	05-dec-1996	97-56160	00329456	05-dec-2016	Digital data transmitting

## Essential Pioneer Patents relevant to DVD-Audio Player / DVD-ROM part

<i>COUNTRY</i>	<i>REFERENCE</i>	<i>FILING NR</i>	<i>FILING DATE</i>	<i>PUBLICATION NR</i>	<i>GRANT NR</i>	<i>EXPIRY DATE</i>	<i>TITLE</i>
MX	504102MX01	966099	05-dec-1996		195994	05-dec-2016	Digital data transmitting
MY	504102MY01	PI9605068	03-dec-1996		MY-112856-A	03-dec-2016	Digital data transmitting
NL-EP	504102EP02	03025667.1	07-nov-2003	1403869	01403869	05-dec-2016	Digital data transmitting
NL-EP	504102EP04	06115016.5	06-jun-2006		01715485	05-dec-2016	Digital data transmitting
NL-EP	504102EP05	06115021.5	06-jun-2006		01715486	05-dec-2016	Digital data transmitting
SG	504102SG01	9611511-8	04-dec-1996		79210	04-dec-2016	Digital data transmitting
TH	504102TH01	9601004164	02-dec-1996		9825	02-dec-2016	Digital data transmitting
TW	504102TW01	85114966	04-dec-1996		88955	03-dec-2016	Digital data transmitting
US	484116US02	08/794018	03-feb-1997		05740152	07-nov-2014	Structure of SYNC Codes
US	504030US01	08/504793	20-jul-1995		05608715	20-jul-2015	Multi layer disc
US	504102US02	10/785864	25-feb-2004		RE40312	03-dec-2016	Digital data transmitting
US	504188US01	08/806458	26-feb-1997		06236804	26-feb-2017	Minimum readout rate
VN	504102VN01	1-1996-90429	04-dec-1996		1-0001518	04-dec-2016	Digital data transmitting