

Exhibit E4 to the DVD+RW Recorder Patent License Agreement

Sony patents relevant to the DVD+RW Recorder / DVD+R Video part

13 Sep 2002

<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>
AT	S93P0592	93921063.9	22-Sep-93		E170354	22-Sep-13	Data search information entry point
AT-EP	S95P0391	95924525.9	07-Jul-95		E205629	07-Jul-15	8/16 modulation
AT-EP	S95P0391						8/16 modulation
AT-EP	S96P0171						Color-control of subtitle
AT-EP	S96P0249						Position-information for displaying subtitle
AT-EP	S97P0077						Interleaved unit size for seamless play
AT-EP	S97P0077						Interleaved unit size for seamless play
AU	S91P0044	71860/91	30-Jan-91		0631725	30-Jan-11	An optical disc system
AU	S93P0592	48333/93	22-Sep-93		669563	22-Sep-13	Data search information entry point
AU	S95P0391	28991/95	07-Jul-95		701638	07-Jul-15	8/16 modulation
AU	S95P0391	10084/99	08-Jan-99		718089	07-Jul-15	8/16 modulation
AU	S96P0171	48198/96	20-Mar-96		711083	20-Mar-16	Color-control of subtitle
AU	S96P0249	50457/96	02-Apr-96		707272	02-Apr-16	Position-information for displaying subtitle
AU	S96P0249	18422/99	25-Feb-99		726256	02-Apr-16	Position-information for displaying subtitle
BR	S96P0171	9601106	22-Mar-96				Color-control of subtitle
BR	S96P0249	9601263	03-Apr-96				Position-information for displaying subtitle
CA	S96P0171	2172010	18-Mar-96				Color-control of subtitle
CA	S96P0249	2173177	01-Apr-96				Position-information for displaying subtitle
CA-WO	S95P0391	2171113	07-Jul-95				8/16 modulation
CN	S95P0391	00121719.4	21-Jul-00	CN1312555A			8/16 modulation
CN	S96P0171	96105775	23-Mar-96	CN1140311A			Color-control of subtitle
CN	S96P0249	96105771	03-Apr-96	CN1139273A			Position-information for displaying subtitle
CN	S96P0482	96190821.1	18-Jun-96	CB1159235A			Ciphering in one of recording processing blocks
CN	S96P0482	02118819.X	29-Apr-02				Ciphering in one of recording processing blocks
CN	S97P0077	97104717	09-Feb-97				Interleaved unit size for seamless play
CN	S97P0077	98118292.5	06-Oct-98	CN1218247A			Interleaved unit size for seamless play
CN-WO	S95P0391	95190776.X	02-May-96	CN1134195A			8/16 modulation
DE	S93P0592	93921063.9	22-Sep-93		P69320620.9	22-Sep-13	Data search information entry point
DE-EP	S91P0044	91903625.1	30-Jan-91		P69121656.8	30-Jan-11	An optical disc system
DE-EP	S95P0391						8/16 modulation
DE-EP	S95P0391						8/16 modulation

Sony patents relevant to the DVD+RW Recorder / DVD+R Video part

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DE-EP	S96P0171						Color-control of subtitle
DE-EP	S96P0249						Position-information for displaying subtitle
DE-EP	S97P0077						Interleaved unit size for seamless play
DE-EP	S97P0077						Interleaved unit size for seamless play
EP	S91P0044	96100707.7	18-Jan-96	0715303			An optical disc system
EP	S91P0044	99104762.2	10-Mar-99	0923074			An optical disc system
EP	S93P0592	93921063.9	22-Sep-93		0622002		Data search information entry point
EP	S95P0391	01103087.1	09-Feb-01	1126619			8/16 modulation
EP	S96P0171	96301947.6	21-Mar-96	0734181			Color-control of subtitle
EP	S96P0249	96302342.9	02-Apr-96	0737016			Position-information for displaying subtitle
EP	S96P0482	96917719.5	18-Jun-96	794496			Ciphering in one of recording processing blocks
EP	S97P0077	00203414.8	02-Oct-00	1067541			Interleaved unit size for seamless play
EP	S97P0077	00203706.7	25-Oct-00	1071090			Interleaved unit size for seamless play
EP-WO	S95P0391	95924525.9	07-Jul-95		718843	07-Jul-15	8/16 modulation
ES-EP	S95P0391	95924525.9	07-Jul-95		718843	07-Jul-15	8/16 modulation
ES-EP	S96P0171						Color-control of subtitle
ES-EP	S96P0249						Position-information for displaying subtitle
FR	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
FR-EP	S91P0044	91903625.1	30-Jan-91		0473785	30-Jan-11	An optical disc system
FR-EP	S95P0391	95924525.9	07-Jul-95		718843	07-Jul-15	8/16 modulation
FR-EP	S95P0391						8/16 modulation
FR-EP	S96P0171						Color-control of subtitle
FR-EP	S96P0249						Position-information for displaying subtitle
FR-EP	S97P0077						Interleaved unit size for seamless play
FR-EP	S97P0077						Interleaved unit size for seamless play
GB	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
GB-EP	S91P0044	91903625.1	30-Jan-91		0473785	30-Jan-11	An optical disc system
GB-EP	S95P0391	95924525.9	07-Jul-95		718843	07-Jul-15	8/16 modulation
GB-EP	S95P0391						8/16 modulation
GB-EP	S96P0171						Color-control of subtitle
GB-EP	S96P0249						Position-information for displaying subtitle
GB-EP	S97P0077						Interleaved unit size for seamless play
GB-EP	S97P0077						Interleaved unit size for seamless play

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HK	S97P0077	01104500.4	28-Jun-01	1035798			Interleaved unit size for seamless play
HK	S97P0077	01104720.8	09-Jul-01	1035799			Interleaved unit size for seamless play
ID	S95P0391	P-951292	06-Jul-95				8/16 modulation
IL	S95P0391	115541	06-Oct-95		115541	06-Oct-15	8/16 modulation
IL	S95P0391	127149	19-Nov-98				8/16 modulation
IN	S95P0391	1267/DEL/95	07-Jul-95				8/16 modulation
IT	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
IT-EP	S95P0391	95924525.9	07-Jul-95		718843	07-Jul-15	8/16 modulation
IT-EP	S95P0391						8/16 modulation
IT-EP	S96P0171						Color-control of subtitle
IT-EP	S96P0249						Position-information for displaying subtitle
JP	96027600	96-75642	29-Mar-96	97-265630			Dummy data recording
JP	96066587	08-248596	31-Aug-96		2915855	31-Jul-07	Wobble signal detection
JP	97000983	09-003392	10-Jan-97		2892326	31-Jul-07	Wobble signal detection
JP	S91P0044	90-021210	31-Jan-90	91-225650			An optical disc system
JP	S93P0592	92-350577	04-Dec-92	94-325553	2785220	04-Dec-12	Data search information entry point
JP	S93P0592	92-355558	18-Dec-92	94-164522	03264290	18-Dec-12	Data search information entry point
JP	S95P0391	94-157175	08-Jul-94	96-031100			8/16 modulation
JP	S96P0171	95-088607	23-Mar-95	96-265661			Color-control of subtitle
JP	S96P0249	95-099436	03-Apr-95	96-275205			Position-information for displaying subtitle
JP	S96P0412	95-136329	02-Jun-95	96-329612			ECC block structure
JP	S96P0482	96-098949	19-Apr-96	97-073414			Ciphering in one of recording processing blocks
JP	S97P0077	97-026238	10-Feb-97	97-274769			Interleaved unit size for seamless play
KR	S91P0044	91-701176	30-Jan-91		0221826	30-Jan-91	An optical disc system
KR	S91P0044	10-99-7003172	12-Apr-99		0233420	30-Jan-11	An optical disc system
KR	S93P0592	93-19642	22-Sep-93	94-08275	298558	22-Sep-13	Data search information entry point
KR	S93P0592	10-00-0050060	28-Aug-00		283976	23-Sep-13	Data search information entry point
KR	S96P0171	96-07804	22-Mar-96	96-35585			Color-control of subtitle
KR	S96P0249	96-10570	03-Apr-96	96-40008			Position-information for displaying subtitle
KR	S96P0482	97-701415	18-Jun-96				Ciphering in one of recording processing blocks
KR	S97P0077	97-04241	10-Feb-97	97-63196			Interleaved unit size for seamless play
KR-WO	S95P0391	96-701288	07-Jul-95				8/16 modulation
MX	S96P0171	961049	20-Mar-96		192158	20-Mar-16	Color-control of subtitle

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MX	S96P0249	961267	02-Apr-96		198094	02-Apr-16	Position-information for displaying subtitle
MX	S97P0077	970855	03-Feb-97		200485	03-Feb-17	Interleaved unit size for seamless play
MY	S95P0391	PI9503008	07-Oct-95				8/16 modulation
MY	S96P0171	PI9600988	18-Mar-96				Color-control of subtitle
MY	S96P0249	PI9601238	03-Apr-96				Position-information for displaying subtitle
MY	S97P0077	PI9700368	30-Jan-97				Interleaved unit size for seamless play
NL	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
NL-EP	S91P0044	91903625.1	30-Jan-91		0473785	30-Jan-11	An optical disc system
NL-EP	S95P0391	95924525.9	07-Jul-95		718843	07-Jul-15	8/16 modulation
NL-EP	S95P0391						8/16 modulation
NL-EP	S96P0171						Color-control of subtitle
NL-EP	S96P0249						Position-information for displaying subtitle
NL-EP	S97P0077						Interleaved unit size for seamless play
NL-EP	S97P0077						Interleaved unit size for seamless play
PH	S95P0391	52296	09-Oct-95				8/16 modulation
PL-WO	S95P0391	P313410	07-Jul-95		177830	07-Jul-15	8/16 modulation
RU	S96P0482	97105368	18-Jun-96				Ciphering in one of recording processing blocks
SE	S93P0592						Data search information entry point
SE	S93P0592						Data search information entry point
SG	S95P0391	9607338-2	07-Jul-95		32640	07-Jul-15	8/16 modulation
SG	S96P0482	9704255-0	18-Jun-96		45081	18-Jun-16	Ciphering in one of recording processing blocks
SU-WO	S93P0592	94026951	22-Sep-93		2161377	22-Sep-13	Data search information entry point
SU-WO	S95P0391	96107886.00	07-Jul-95		2171505	07-Jul-15	8/16 modulation
TH	S95P0391	027155	07-Jul-95				8/16 modulation
TH	S96P0171	030549	21-Mar-96	023191			Color-control of subtitle
TH	S96P0249	030725	02-Apr-96	28578			Position-information for displaying subtitle
TR	S95P0391	001239	11-Oct-95				8/16 modulation
TW	S95P0391	84107701	25-Jul-95		077029	24-Jul-15	8/16 modulation
TW	S96P0171	85103217	18-Mar-96		086923	17-Mar-16	Color-control of subtitle
TW	S96P0249	85103855	02-Apr-96		083710	01-Apr-16	Position-information for displaying subtitle
TW	S96P0482	85106682	04-Jun-96		091593	03-Jun-16	Ciphering in one of recording processing blocks
TW	S97P0077	86100843	25-Jan-97		095017	24-Jan-17	Interleaved unit size for seamless play
US	S91P0044	552262	29-Nov-95		RE37428	21-Feb-12	An optical disc system

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COUNTRY	REFERENCE	FILING NR	FILING DATE	PUBLICATION NR	GRANT NR	EXPIRY DATE	TITLE
US	S91P0044	388589	14-Feb-95		5515346	07-May-13	An optical disc system
US	S91P0044	401424	09-Mar-95		5508981	16-Apr-13	An optical disc system
US	S91P0044	613035	08-Mar-96		5757733	30-Jan-11	An optical disc system
US	S91P0044	09/192904	16-Nov-98		6219308	30-Jan-11	An optical disc system
US	S93P0592	125573	22-Sep-93		5455684	22-Sep-13	Data search information entry point
US	S93P0592	446015	19-May-95		5568274	22-Oct-13	Data search information entry point
US	S95P0391	612952	07-Jul-95		5818367	07-Jul-15	8/16 modulation
US	S96P0171	619001	21-Mar-96		5748256	21-Mar-16	Color-control of subtitle
US	S96P0249	627742	02-Apr-96		5889564	02-Apr-16	Position-information for displaying subtitle
US	S96P0412	654599	29-May-96		5805564	29-May-16	ECC block structure
US	S96P0482	793755	18-Jun-96		5901127	18-Jun-16	Ciphering in one of recording processing blocks
US	S96P0575	09/377571	19-Aug-99		6185687	19-Jul-16	Copy protection inserting APS, CGMS data & Ciphering with key information
US	S97P0077	791231	30-Jan-97		5721591	30-Jan-17	Interleaved unit size for seamless play
VN	S95P0391	S-1849/96	08-Mar-96		884	07-Jul-15	8/16 modulation
VN	S96P0482	SC0775/97	27-Mar-97		1597	18-Jun-16	Ciphering in one of recording processing blocks
VN	S96P0482	S19970238T2	25-May-00				Ciphering in one of recording processing blocks
VN	S96P0482	S19970238T3	25-May-00				Ciphering in one of recording processing blocks
WO	S91P0044	PCT/JP91/00113	30-Jan-91	WO91/11807			An optical disc system
WO	S93P0592	PCT/JP93/01362	22-Sep-93	WO94/07332			Data search information entry point
WO	S95P0391	PCT/JP95/01364	07-Jul-95	WO96/02054			8/16 modulation
WO	S96P0482	PCT/JP96/01675	18-Jun-96	WO97/02531			Ciphering in one of recording processing blocks

All corresponding patent applications, patents, divisions, continuations and reissues based upon any of the patent applications or patents of this list are considered to be concluded as an integral part of this list