

Annex A1 to the DVD-RAM Recorder Patent Licence Agreement

Essential PH patents relevant to DVD-RAM Recorder / Data Recorder General 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>		
AR	N 014746	-	331023			15-Feb-95	254412	27-Jul-15	EFM+ modulated system for high density
AR	N 014752	-	331070			17-Feb-95	255358	21-Nov-16	Block format with error coding interleave
AT	N 014746	-	95905746.4	01-Feb-95	0745254-A1		E173110	01-Feb-15	EFM+ modulated system for high density
AT	N 014752	-	95907127.5	14-Feb-95	0698270-A1		E195033	14-Feb-15	Block format with error coding interleave
AT	N 015452	-	96926545.3	26-Aug-96	0789910-A1		E201527	26-Aug-16	EFM+ improved
AU	N 014746	-	95-14240	01-Feb-95	95-14240	692822	692822	01-Feb-15	EFM+ modulated system for high density
AU	N 014752	-	95-15449	14-Feb-95	95-15449	689203	689203	14-Feb-15	Block format with error coding interleave
AU	N 015452	-	96-66667	26-Aug-96		70391	703791	26-Aug-16	EFM+ improved
BE	N 014746	-	95905746.4	01-Feb-95	0745254-A1		0745254	01-Feb-15	EFM+ modulated system for high density
BE	N 014752	-	95907127.5	14-Feb-95	0698270-A1		0698270	14-Feb-15	Block format with error coding interleave
BE	N 015452	-	96926545.3	26-Aug-96	0789910-A1		0789910	26-Aug-16	EFM+ improved
BG	N 014746	-	100774	01-Feb-95			62106	01-Feb-15	EFM+ modulated system for high density
BR	N 014746	-	PI9506787.6	01-Feb-95	PI9506787.6		PI9506787.6	01-Feb-15	EFM+ modulated system for high density
BR	N 014746	A	PI9510740.1	01-Feb-95	PI9510740.1		PI9510740-1	01-Feb-15	EFM+ modulated system for high density
BR	N 014746	B	PI9510741.0	01-Feb-95			PI9510741.0	01-Feb-15	EFM+ modulated system for high density
BW	N 014746	-	98-00054	22-Apr-98			BW/P/99/00014	22-Apr-18	EFM+ modulated system for high density
BW	N 014752	-	98-00046	21-Apr-98			BW/P99/00023	21-Apr-18	Block format with error coding interleave
BW	N 015452	-	98-00063	22-Apr-98			BW/P/99/00022	22-Apr-18	EFM+ improved
CA	N 014746	-	2183355	01-Feb-95			2183355	01-Feb-15	EFM+ modulated system for high density
CA	N 014746	A	2456968	01-Feb-95			2456968	01-Feb-15	EFM+ modulated system for high density
CA	N 014752	-	2160572	14-Feb-95			2160572	14-Feb-15	Block format with error coding interleave
CA	N 015452	-	2205565	26-Aug-96			2205565	26-Aug-16	EFM+ improved
CH	N 014746	-	95905746.4	01-Feb-95	0745254-A1		0745254	01-Feb-15	EFM+ modulated system for high density
CH	N 014752	-	95907127.5	14-Feb-95	0698270-A1		0698270	14-Feb-15	Block format with error coding interleave
CN	N 014746	A	200310102653.2	01-Feb-95	1722283-A		200310102653.2	01-Feb-15	EFM+ modulated system for high density
CN	N 014746	B	200910117965.8	01-Feb-95	101547009A			01-Feb-15	EFM+ modulated system for high density
CN	N 014746	C	200910117964.3	01-Feb-95	101546567-A			01-Feb-15	EFM+ modulated system for high density
CN	N 014746	D	200910126177.5	01-Feb-95	101577133-A			01-Feb-15	EFM+ modulated system for high density
CN	N 014752	-	95190261.X	14-Feb-95	1125994-A		95190261.X	14-Feb-15	Block format with error coding interleave

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CN	N 014752 A	02122058.1	14-Feb-95	1389867-A	02122058.1	14-Feb-15	Block format with error coding interleave
CN	N 014752 B	200610095942.814	14-Feb-95	101093701A		14-Feb-15	Block format with error coding interleave
CN	N 014752 C	200610093455.814	14-Feb-95	101083105-A		14-Feb-15	Block format with error coding interleave
CN	N 015452 -	96191244.8	26-Aug-96	1166225-A	96191244.8	26-Aug-16	EFM+ improved
CN	N 015452 A	02160474.6	26-Aug-96	1516175-A	02160474.6	26-Aug-16	EFM+ improved
CN	N 015452 B	200610101665.726	26-Aug-96	1909097A	200610101665.7	26-Aug-16	EFM+ improved
CZ	N 014746 -	96-PV2389	01-Feb-95		290751	01-Feb-15	EFM+ modulated system for high density
DE	N 014746 -	95905746.4	01-Feb-95	0745254-A1	69505794.4	01-Feb-15	EFM+ modulated system for high density
DE	N 014752 -	95907127.5	14-Feb-95	0698270-A1	69518126.2	14-Feb-15	Block format with error coding interleave
DE	N 014789 -	95910709.5	21-Mar-95	0702827-A1	69522880.3	21-Mar-15	DC-free channel code
DE	N 015452 -	96926545.3	26-Aug-96	0789910-A1	69612955.8	26-Aug-16	EFM+ improved
DK	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
DK	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
ES	N 014746 -	95905746.4	01-Feb-95	0745254-A1	2126877	01-Feb-15	EFM+ modulated system for high density
ES	N 014752 -	95907127.5	14-Feb-95	0698270-A1	2150551	14-Feb-15	Block format with error coding interleave
ES	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved
FI	N 014746 -	963151	01-Feb-95		117311	01-Feb-15	EFM+ modulated system for high density
FI	N 014746 A	20060169	01-Feb-95		121558	01-Feb-15	EFM+ modulated system for high density
FI	N 014746 B	20060170	01-Feb-95		121357	01-Feb-15	EFM+ modulated system for high density
FR	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
FR	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
FR	N 014789 -	95910709.5	21-Mar-95	0702827-A1	0702827	21-Mar-15	DC-free channel code
FR	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved
GB	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
GB	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
GB	N 014789 -	95910709.5	21-Mar-95	0702827-A1	0702827	21-Mar-15	DC-free channel code
GB	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved
GR	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
GR	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
GR	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved

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HK	N 014746 -	98114079.8	01-Feb-95	1012767-B1 1012767-B	HK1012767	31-Jan-15	EFM+ modulated system for high density
HK	N 014752 -	98114633.7	14-Feb-95	1013358-A 1013358-B	HK1013358	13-Feb-15	Block format with error coding interleave
HK	N 014789 -	98114634.6	21-Mar-95	1013359-A 1013359-B	HK1013359	20-Mar-15	DC-free channel code
HK	N 015452 -	98103966.7	26-Aug-96	1004699-A 1004699-A	HK1004699	26-Aug-16	EFM+ improved
HU	N 014746 -	P9602247	01-Feb-95		221085	01-Feb-15	EFM+ modulated system for high density
HU	N 015452 -	P9801354	26-Aug-96		221391	26-Aug-16	EFM+ improved
ID	N 014746 -	P-950245	15-Feb-95		ID0005313	15-Feb-15	EFM+ modulated system for high density
ID	N 014752 -	P-950251	16-Feb-95		ID0010921	16-Feb-15	Block format with error coding interleave
ID	N 014752 A	P00200400402	16-Feb-95	042897-A	ID0018422	16-Feb-15	Block format with error coding interleave
ID	N 015452 -	P-962496	02-Sep-96	016.164A	ID0005386	02-Sep-16	EFM+ improved
IE	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
IE	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
IE	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved
IL	N 015452 -	120740	26-Aug-96		120740	26-Aug-16	EFM+ improved
IN	N 014746 A	1577/Cal/98	13-Feb-95		185349	13-Feb-15	EFM+ modulated system for high density
IN	N 014746 B	1578/Cal/98	13-Feb-95		184753	13-Feb-15	EFM+ modulated system for high density
IN	N 014746 C	312/MAS/99	13-Feb-95		218255	13-Feb-15	EFM+ modulated system for high density
IN	N 014746 D	877/CHENP/2004	13-Feb-95		221406	13-Feb-15	EFM+ modulated system for high density
IN	N 014746 E	878/CHE/2004	13-Feb-95		221405	13-Feb-15	EFM+ modulated system for high density
IN	N 014752 A	505/MAS/99	14-Feb-95		193791	14-Feb-15	Block format with error coding interleave
IN	N 015452 -	1530/Cal/96	28-Aug-96		191592	28-Aug-16	EFM+ improved
IN	N 015452 A	80/Kol/2003	28-Aug-96			28-Aug-16	EFM+ improved
IT	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
IT	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
IT	N 014789 -	95910709.5	21-Mar-95	0702827-A1	0702827	21-Mar-15	DC-free channel code
IT	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved
JP	N 014746 -	95-521693	01-Feb-95	97-512392	3408256	01-Feb-15	EFM+ modulated system for high density
JP	N 014746 B	05-203695	01-Feb-95	06-024356	3892020	01-Feb-15	EFM+ modulated system for high density
JP	N 014752 -	95-521698	14-Feb-95	96-509316	3691062	14-Feb-15	Block format with error coding interleave
JP	N 014752 A	04-348053	14-Feb-95	05-129222	4014595	14-Feb-15	Block format with error coding interleave

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JP	N 014789 -	95-525542	21-Mar-95	96-511405	3467276	21-Mar-15	DC-free channel code
JP	N 015452 -	97-511019	26-Aug-96	98-508456	3754080	26-Aug-16	EFM+ improved
JP	N 015452 A	05-276620	26-Aug-96	06-087127	3946230	26-Aug-16	EFM+ improved
KR	N 014746 -	96-704550	01-Feb-95	10-1997-0701388	0477168	01-Feb-15	EFM+ modulated system for high density
KR	N 014746 A	10-2003-700492207	27-Apr-03	10-2004-0004394	0467125	01-Feb-15	EFM+ modulated system for high density
KR	N 014752 -	95-704556	14-Feb-95	96-0702152	0364332	14-Feb-15	Block format with error coding interleave
KR	N 014789 -	95-705575	21-Mar-95	10-1996-0702930	10-0529807	21-Mar-15	DC-free channel code
KR	N 015452 -	97-702860	26-Aug-96	10-1997-0707543	0488634	26-Aug-16	EFM+ improved
LU	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
LU	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
MC	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
MC	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
MX	N 014746 -	9603394	01-Feb-95		189493	01-Feb-15	EFM+ modulated system for high density
MX	N 015452 -	973161	26-Aug-96		216755	26-Aug-16	EFM+ improved
MY	N 014746 -	PI9500357	14-Feb-95		112136	30-Apr-16	EFM+ modulated system for high density
MY	N 014752 -	PI9500378	15-Feb-95		117269	30-Jun-19	Block format with error coding interleave
MY	N 015452 -	PI9603603	29-Aug-96		MY-115841-A	30-Sep-18	EFM+ improved
NL	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
NL	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
NL	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved
NO	N 014746 -	19963388	01-Feb-95		322948	01-Feb-15	EFM+ modulated system for high density
NO	N 014746 A	20043831	01-Feb-95			01-Feb-15	EFM+ modulated system for high density
NO	N 014746 B	20043830	01-Feb-95			01-Feb-15	EFM+ modulated system for high density
NZ	N 014746 -	278137	01-Feb-95	278137	278137	01-Feb-15	EFM+ modulated system for high density
PL	N 014746 -	P319407	01-Feb-95		192729	01-Feb-15	EFM+ modulated system for high density
PL	N 014746 A	P378756	01-Feb-95			01-Feb-15	EFM+ modulated system for high density
PL	N 015452 -	P320006	26-Aug-96		183099	26-Aug-16	EFM+ improved
PT	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
PT	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
PT	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved

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RO	N 014746 -	96-001653	01-Feb-95		119099	01-Feb-15	EFM+ modulated system for high density
RO	N 014746 A	01-00059	01-Feb-95		119260	01-Feb-15	EFM+ modulated system for high density
RU	N 014746 -	96118250	01-Feb-95	33	2153707	01-Feb-15	EFM+ modulated system for high density
RU	N 015452 -	97108582	26-Aug-96	15	2153200	26-Aug-16	EFM+ improved
SE	N 014746 -	95905746.4	01-Feb-95	0745254-A1	0745254	01-Feb-15	EFM+ modulated system for high density
SE	N 014752 -	95907127.5	14-Feb-95	0698270-A1	0698270	14-Feb-15	Block format with error coding interleave
SE	N 015452 -	96926545.3	26-Aug-96	0789910-A1	0789910	26-Aug-16	EFM+ improved
SG	N 014752 -	9607077.6	14-Feb-95	0050623-A	50623	14-Feb-15	Block format with error coding interleave
SG	N 015452 -	9703300.5	26-Aug-96		44185	26-Aug-16	EFM+ improved
SI	N 014746 -	95905746.4	01-Feb-95	0745254-A1	9530188	01-Feb-15	EFM+ modulated system for high density
SK	N 014746 -	96-PP1051	01-Feb-95	96-PP1051	283798	01-Feb-15	EFM+ modulated system for high density
TR	N 014746 -	95-0136	15-Feb-95		29626	15-Feb-15	EFM+ modulated system for high density
TR	N 014752 -	95-0143	16-Feb-95		29401	16-Feb-15	Block format with error coding interleave
TW	N 014746 -	84101360	15-Feb-95	294862	82864	15-Feb-15	EFM+ modulated system for high density
TW	N 014752 -	84101856	28-Feb-95	256904	73076	28-Feb-15	Block format with error coding interleave
TW	N 014789 -	84101322	14-Feb-95	267279	75391	14-Feb-15	DC-free channel code
TW	N 015452 -	85112032	02-Oct-96	394931	116382	02-Oct-16	EFM+ improved
UA	N 014746 -	96083269	01-Feb-95		42757	01-Feb-15	EFM+ modulated system for high density
US	N 014746 -	08/385533	08-Feb-95		5696505	08-Feb-15	EFM+ modulated system for high density
US	N 014746 K	90/006637	09-May-03		5696505	08-Feb-15	EFM+ modulated system for high density
US	N 014746 S	12/435714	08-Feb-95			08-Feb-15	EFM+ modulated system for high density
US	N 014752 -	08/389369	16-Feb-95		5838696	16-Feb-15	Block format with error coding interleave
US	N 014789 -	08/388865	15-Feb-95		5642113	15-Feb-15	DC-free channel code
US	N 015452 -	08/706048	30-Aug-96		5790056	30-Aug-16	EFM+ improved
VE	N 015452 -	96-1517	30-Aug-96		57944	30-Aug-16	EFM+ improved
VN	N 014746 -	S19960099	13-Aug-96		1407	13-Aug-16	EFM+ modulated system for high density
VN	N 015452 -	S19970327	25-Apr-97		1598	25-Apr-17	EFM+ improved
ZA	N 014746 -	95-1115	10-Feb-95		95-1115	10-Feb-15	EFM+ modulated system for high density
ZA	N 014752 -	951194	14-Feb-95		95-1194	14-Feb-15	Block format with error coding interleave
ZA	N 015452 -	967261	27-Aug-96		96/7261	27-Aug-16	EFM+ improved