

## Annex A1 to the CD Disc Patent License Agreement

Essential Philips and Sony patents relevant to CD Disc / CD-General part

| <i>COUNTRY</i> | <i>REFERENCE</i> | <i>FILING NR</i> | <i>FILING DATE</i> | <i>PUBLICATION NR</i> | <i>GRANT DATE</i> | <i>GRANT NR</i> | <i>EXPIRY DATE</i> | <i>TITLE</i>                                    |
|----------------|------------------|------------------|--------------------|-----------------------|-------------------|-----------------|--------------------|---|
| AR             | Q 080007 -       | 285958           | 02-Jul-81          |                       | 06-Jun-97         | 250649          | 06-Jun-12          | Block N to K compact disc modulation code (EFM) |
| AR             | Q 080009 -       | 285400           | 20-May-81          |                       | 04-Jun-97         | 250648          | 04-Jun-12          | Error correctable data transmission method      |
| AT             | Q 080007 -       | 81-A3107         | 14-Jul-81          |                       | 25-Jan-99         | 404652          | 15-May-16          | Block N to K compact disc modulation code (EFM) |
| AT             | Q 080009 -       | 81-A2215         | 18-May-81          | 395794                | 25-Mar-93         | 395794          | 15-Jul-10          | Error correctable data transmission method      |
| BW             | Q 080007 -       | 98-00033         | 21-Apr-98          |                       | 02-Oct-02         | BW/P/02/00035   | 21-Apr-18          | Block N to K compact disc modulation code (EFM) |