



Mr. J. van den Beld
Secretary General ECMA
ECMA Headquarters
114 rue du Rhône
CH-1204 GENEVA
Switzerland

November 18, 1997

Dear Mr. van den Beld,

This letter is to inform you that, in the event that ECMA adopts an ECMA Standard for 120mm DVD-Read-Only Disk, Pioneer Electronic Corporation will grant, on a non-discriminatory basis, to any party requesting it, licenses on commercially reasonable terms and condition, for its patent(s) deemed to be necessary for the implementation of the ECMA Standard.


This declaration remains valid only as long as the corresponding ECMA Standard remains valid.

We trust that this declaration complies with the ECMA Code of Conduct in Patent Matters related to standardized systems.

Yours faithfully,

Signature:
Name in block letters:
Title:

Date:


Masanao Okatani
Managing Director
General Manager
Intellectual Property Division
PIONEER ELECTRONIC CORPORATION
November 18, 1997



Mr. J. van den Beld
Secretary General ECMA
ECMA Headquarters
114 rue du Rhône
CH-1204 GENEVA
Switzerland

November 18, 1997

Dear Mr. van den Beld,

This letter is to inform you that, in the event that ECMA adopts an ECMA Standard for 80mm DVD-Read-Only Disk, Pioneer Electronic Corporation will grant, on a non-discriminatory basis, to any party requesting it, licenses on commercially reasonable terms and condition, for its patent(s) deemed to be necessary for the implementation of the ECMA Standard.

This declaration remains valid only as long as the corresponding ECMA Standard remains valid.

We trust that this declaration complies with the ECMA Code of Conduct in Patent Matters related to standardized systems.

Yours faithfully,

Signature:
Name in block letters:
Title:

Date:

Masanao Okatani
Managing Director
General Manager
Intellectual Property Division
PIONEER ELECTRONIC CORPORATION
November 18, 1997

**PHILIPS****Philips Electronics N.V.**

P.O. Box 220, 5600 AE Eindhoven, The Netherlands

Mr. J. van den Beld
Secretary General ECMA
ECMA Headquarters
114 Rue du Rhône
CH-1204 GENEVA / Switzerland

Tel: +31 40 2743385
Fax: +31 40 2743489

Ref: ECMA
BECK/ED

Date: 1997-11-20

Re.: ECMA patent declaration / 80 mm and 120 mm DVD-Read-Only Disk.

Dear Mr. van den Beld,

This letter is to inform you that, in the event that ECMA adopts an ECMA Standard for 80 mm and 120 mm DVD-Read-Only Disk, Philips Electronics N.V. will grant, on a non-discriminatory basis, to any party requesting it, licenses on commercially reasonable terms and conditions, for its patent(s), if any, deemed to be necessary for the implementation of the ECMA Standard, for use in products in conformance with this ECMA Standard.

This declaration remains valid only as long as the corresponding ECMA Standard remains valid, and applies only to such parties that have signed or sign this ECMA patent declaration.

We trust that this declaration complies with the ECMA Code of Conduct in Patent Matters related to standardized systems.

Yours faithfully,

Signature

Name in block letters : H.F.M. Beckers

Title : Director Corporate Patents and Trademarks

Date : 20-11-1997



MITSUBISHI ELECTRIC CORPORATION
CORPORATE LICENSING DEPARTMENT
2-2-3 MARUNOUCHI, CHIYODA-KU
TOKYO 100, JAPAN
TELEPHONE JAPAN-3-3215-3465
(TELECOPY 3-3252-7879
3-3218-2474)

Mr. J. van den Beld
Secretary General ECMA
ECMA Headquarters
114 Rue du Rhone
CH-1204 GENEVA
Switzerland

20 November, 1997

Dear Mr. Van den Beld,

This letter is to inform you that, in the event that ECMA adopts an ECMA Standard for the 120 mm DVD-Read-Only Disk, Mitsubishi Electric Corporation will grant, on a non-discriminatory basis, to any party requesting it, licenses on commercially reasonable terms and conditions, for its patent(s) deemed to be necessary for the implementation of the ECMA Standard.

This declaration remains valid only as long as the corresponding ECMA Standard remains valid.

We trust that this declaration complies with the ECMA Code of Conduct in Patent Matters related to standardized systems.

Yours faithfully,

Signature: *Satoshi Usami*
Name: Satoshi Usami
Title: General Manager, Corporate Licensing Department
Date: 20. NOV. 1997

Matsushita Electric Industrial Co.,Ltd.

1006 Kadoma, Kadoma-shi, Osaka 571 Japan
Phone: 06-908-1121 Fax: 06-906-1761

KAZUHIKO SUGIYAMA
Executive Vice President

Mr. J. van den Beld
Secretary General ECMA
ECMA Headquarters
114 Rue du Rhone
CH-1204 GENEVA
Switzerland

Dear Mr. van den Beld,

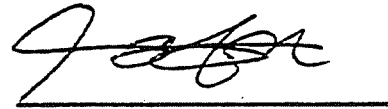
This letter is to inform you that, in the event that ECMA adopts an ECMA Standard for 120mm DVD-Read-only Disk, Matsushita Electric Industrial Co., Ltd. will grant, on a non-discriminatory basis, to any party requesting it, licenses on commercially reasonable terms and conditions, for its patents deemed to be necessary for the implementation of the ECMA Standard.

This declaration remains valid only as long as the corresponding ECMA Standard remains valid.

We trust that this declaration complies with the ECMA Code of Conduct in Patent Matters related to standardized systems.

Yours faithfully,

Signature:



Name in block letters: Kazuhiko Sugiyama

Title:

Executive Vice President

Date:

December 3 1997



VICTOR COMPANY OF JAPAN, LIMITED

INTELLECTUAL PROPERTY DEPARTMENT: 12, 3-CHOME, MORIYA-CHO, KANAGAWA-KU, YOKOHAMA 221, JAPAN
TELEPHONE : 045-450-2422 TELEFAX : 045-450-2426

November, 1997

Mr. J. van den Beld
Secretary General ECMA
ECMA Headquarters
114 Rue du Rhone
CH-1204 GENEVA
SWITZERLAND

Dear Mr. van den Beld:

This letter is to inform you that, in the event that ECMA adopts an ECMA Standard for 120mm DVD-Read-Only-Disk, Victor Company of Japan, Limited will grant, on a non-discriminatory basis, to any party requesting it, licenses on commercially reasonable terms and condition, for its patents deemed to be necessary for the implementation of the ECMA Standard.

This declaration remains valid only as long as the corresponding ECMA Standard remains valid.

We trust that this declaration complies with the ECMA Code of Conduct in Patent Matters related to standardized systems.

Yours faithfully,

Signature : 

Name in block letters : Tokio Nohara

Title : Associate Director, General Manager
Intellectual Property Department
VICTOR COMPANY OF JAPAN, LIMITED

Date : NOV. 17. 1997

Intellectual Property Office

Hitachi, Ltd.

New Marunouchi Bldg.
5-1, Marunouchi 1-chome
Chiyoda-ku, Tokyo 100, Japan
Facsimile: (03)3214-3110/ 3116
Telex: J22395, J22432 (HITACHY)
Telephone: Tokyo(03)3212-1111

Mr. J. van den Beld
Secretary General ECMA
ECMA Headquarters
114 Rue de Rhône
CH-1204 GENEVA
Switzerland

November, 14, 1997

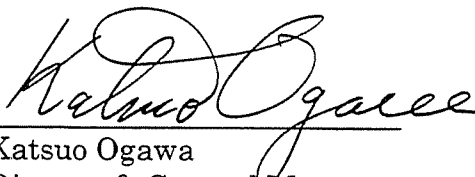
Dear Mr. van den Beld,

This letter is to inform you that, in the event that ECMA adopts an ECMA Standard for 120mm DVD-Read-Only Disk, Hitachi, Ltd. will grant, on a non-discriminatory basis, to any party requesting it, licenses on commercially reasonable terms and condition, for its patents deemed to be necessary for the implementation of the ECMA Standard.

This declaration remains valid only as long as the corresponding ECMA Standard remains valid.

We trust that this declaration complies with the ECMA Code of Conduct in Patent Matter related to standardized systems.

Yours faithfully,



Katsuo Ogawa
Director & General Manager
Intellectual Property Office