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DATE: Geneva, 11 June 2007

The attached table provides an overview of the patent statements received on the approved ECMA-377 and ECMA-378 standards by Ecma International as of June 11, 2007:

ECMA-377	Information Interchange on Holographic Versatile Disc (HVD) Recordable Cartridges – Capacity: 200 Gbytes per Cartridge
ECMA-378	Information Interchange on Read-Only Memory Holographic Versatile Disc (HVD-ROM) – Capacity: 100 Gbytes per disk

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Please note that an appropriate IPR disclaimer for use by possible implementers of the standards has been included in the standards.

Yours faithfully,

I. Sebestyen
Secretary General

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Ecma Standard	Title of the Standard	Patent Statement submitted by	RAND Licensing Indicated	Information received on disagreement of essentially and/or ownership of the patent claim	Contacts
ECMA-377 ECMA-378	Information Interchange on Holographic Versatile Disc (HVD) Recordable Cartridges – Capacity: 200 Gbytes per Cartridge Information Interchange on Read-Only Memory Holographic Versatile Disc (HVD-ROM) – Capacity: 100 Gbytes per disk	Optware Corporation	Yes	Yes	Mr. Yasutaka P. Onodera Optware Corporation Kawasaasa Building 5 th Floor 2-11-5 Shin Yokohama, Kohoku-Ku Yokohama-Shi, Kanagawa-Ken, 222-0033, Japan Fax: +81-45-470-5730
ECMA-377 ECMA-378	Information Interchange on Holographic Versatile Disc (HVD) Recordable Cartridges – Capacity: 200 Gbytes per Cartridge Information Interchange on Read-Only Memory Holographic Versatile Disc (HVD-ROM) – Capacity: 100 Gbytes per disk	InPhase Technologies	No	Yes	Dr. Kevin Curtis Inphase Technologies Inc. 2000 Pike Road Longmont, CO 80501, USA Email: Kevincurtis@inphase-tech.com
ECMA-377 ECMA-378	Information Interchange on Holographic Versatile Disc (HVD) Recordable Cartridges – Capacity: 200 Gbytes per Cartridge Information Interchange on Read-Only Memory Holographic Versatile Disc (HVD-ROM) – Capacity: 100 Gbytes per disk	Troll Hill Ventures Group	No	Yes	Mr. Michael Deese Troll Hill Ventures Group 902 5 th Avenue Longmont, CO 80501, USA Email: trollhill@aol.com
ECMA-377 ECMA-378	Information Interchange on Holographic Versatile Disc (HVD) Recordable Cartridges – Capacity: 200 Gbytes per Cartridge Information Interchange on Read-Only Memory Holographic Versatile Disc (HVD-ROM) – Capacity: 100 Gbytes per disk	DCE Aprilis, Inc.	No	Yes	Dr. David Waldman DCE Aprilis, Inc. A Dow Corning Company 5 Clock Tower Place, Suite 200 Maynard, MA 01754, USA Email: waldman@aprilisinc.com

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