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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

MRD 9-17-99

1. Name of conveying party(ies):

Amir Alon

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other

Execution Date: September 3, 1999

2. Name and address of receiving party(ies)

Name: ZEN RESEARCH N.V.

Internal Address:

Street Address: Van Engelenweg 21A

City: Curacao State: ZIP:

Country: Netherlands Antilles

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/373,683

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael J. DeHaemer

Internal Address:

Street Address: c/o FISH & NEAVE

1251 Avenue of the Americas

City: New York State: NY ZIP: 10020

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

06-1075

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael J. DeHaemer

Name of Person Signing

Signature

9/14/99 Date

Total number of pages including cover sheet, attachments, and document:

32,164

3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT

REEL: 010237 FRAME: 0410

A S S I G N M E N T

WHEREAS, I, Amir Alon, residing at 837 Duncardine Way, Sunnyvale, California 94087, have made an invention entitled:

METHOD AND APPARATUS FOR READING
MULTIPLE TRACKS OF AN OPTICAL DISK

and have made application for United States Letters Patent therefor, filed August 13, 1999, and assigned Serial No. 09/373,683; and

WHEREAS, ZEN RESEARCH N.V., a corporation organized and existing under the laws of the Netherlands Antilles and having an address of Van Engelenweg 21A, Curacao, Netherlands Antilles, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto the said ZEN RESEARCH N.V., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereof for all countries of the world, and in and to said United States patent application, including any continuations and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications

therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and I hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said ZEN RESEARCH N.V. as the assignee of the entire interest therein; and I further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

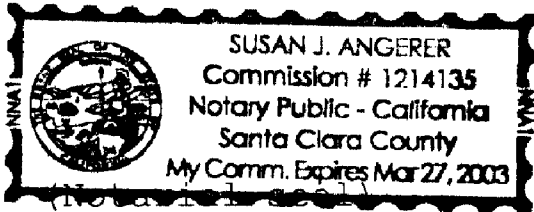
IN TESTIMONY WHEREOF, I have hereunto signed my name and affixed my seal on the date indicated hereinafter.

9-3-99
Date

[Signature]
Amir Alon

State of California)
County of Santa Clara) : ss.:

On this 3rd day of September, 1999, appeared before me in person the above-named Amir Alon and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.



[Signature]
Notary Public

My Commission expires:
Mar. 27, 2003