



A S S I G N M E N T

WHEREAS, we, Amir Alon and Tatiana Kosoburd, residing, respectively, at 837 Duncardine Way, Sunnyvale, California 94087, and Micha Reisser 8, Ganei Aviv Lod, Israel, have made an invention entitled:

IMPROVED MULTI-BEAM OPTICAL PICKUP  
and have made an application for United States Letters Patent therefor filed February 20, 1998 and assigned Serial No. 09/027,313; 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 of sufficiency of which is hereby acknowledged, we 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 we 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 we 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.

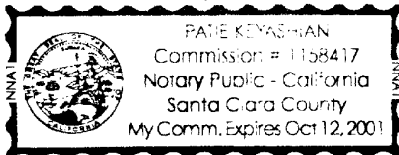
IN TESTIMONY WHEREOF, we have hereunto signed our names and affixed our seals on the dates indicated hereinafter.

4-14-98  
Date

  
Amir Alon

STATE OF Calif. )  
COUNTY OF Santa Clara ) ss.:

On this 17th day of April, 1998,  
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.



Patsy Keyashian  
Notary Public

(Notarial seal)

My Commission expires:

October 12, 2001

A S S I G N M E N T

WHEREAS, we, Amir Alon and Tatiana Kosoburd, residing, respectively, at 837 Duncardine Way, Sunnyvale, California 94087, and Micha Reisser 8, Ganei Aviv Lod, Israel, have made an invention entitled:

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and have made an application for United States Letters Patent therefor filed February 20, 1998 and assigned Serial No. 09/027,313; and

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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 we 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 we 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.

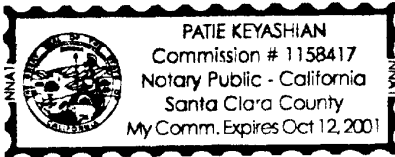
IN TESTIMONY WHEREOF, we have hereunto signed our names and affixed our seals on the dates indicated hereinafter.

May 18, 1998  
Date

Tatiana Kosoburd  
Tatiana Kosoburd

STATE OF CA)  
COUNTY OF Santa Clara SS.:

On this 18th day of May, 1998,  
appeared before me in person the above-named Tatiana Kosoburd  
and acknowledged the above to be his signature and that she  
signed, sealed and delivered the above instrument as her  
voluntary act and deed, and for the uses and purposes therein  
set forth.



(Notarial seal)

Patie Keyashian  
Notary Public

My Commission expires:

October 12, 2001