01-04-2000 Client Code: TACHYON.041A RECORDA MRD 12.23.99 101237195 TO THE ASSISTANT COMMISSIONER OF MEDIS: Please record the attached original documents or copy thereof. Name of conveying party(ies): DEC 23 PM 12: 24. 2. Name and address of receiving party(ies): OPR/FINANCE 1. Donald W. Becker Name: Tachyon, Inc. 2. William E.L. Leigh Internal Address: Suite 101 Street Address: 6225 Nancy Ridge Drive Additional name(s) of conveying party(ies) attached? City: San Diego State: California ZIP: 92121 Yes (X) No ()Additional name(s) of receiving party(ies) attached? No () Yes (X) 3. Nature of conveyance: Application number(s) or Patent number(s): (X) Assignment Application(s) filed herewith Execution Date(s): () () Merger Patent Application No.: 09/407,644 Security Agreement (X) Filing Date: 09/28/99 Change of Name Other: ()Patent No .: Execution Date: Issue Date: Nos. 1 and 2 December 16, 1999 Additional numbers attached? () Yes (X) No Name and address of party to whom correspondence Total fee (37 CFR 3.41): \$40 concerning document should be mailed: (X) Enclosed Richard E. Campbell Name: (X) Authorized to be charged to deposit account if any KNOBBE, MARTENS, OLSON & BEAR, LLP additional fees are required, or to credit any overpayment Customer No. 20,995 Internal Address: Sixteenth Floor Street Address: 620 Newport Center Drive Deposit account number: 11-1410 City: Newport Beach State: CA ZIP: 92660 Attorney's Docket No.: TACHYON.024A Please charge this account for any additional fees which may be required, or credit any overpayment to this account. Total number of applications and patents involved: One 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. Richard E. Campbell Name of Person Signing

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Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

01/04/2000 DNGUYEN 00000014 09407644 01 FC:581 40.00 DP S:\DOCS\KWW\KWW-3007.DOC

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> PATENT REEL: 010460 FRAME: 0760

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ASSIGNMENT

WHEREAS, We, Donald W. Becker, a United States citizen, residing at 6296 Camino Del Pajaro, Rancho Santa Fe, California 92067, and William E.L. Leigh, a United States citizen, residing at 2635 Shalimar Cove, Del Mar, California 92014, have invented certain new and useful improvements in a CHANNEL ENCODING AND DECODING METHOD AND APPARATUS for which we have filed an application for Letters Patent in the United States, Application No. 09/407,644, filed September 28, 1999;

AND WHEREAS, Tachyon, Inc. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 6225 Nancy Ridge Drive, Suite 101, San Diego, California 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of Decenter 1999

Donald W. Becker

STATE OF CANGED IS

Application No.: 09/407,644

Filing Date: 09/28/99

On 21099, before me, augustus Ly burner, personally appeared Donald W. Becker personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

JACQUELINE JOY GARNER
Commission # 1109550

Notary Public — Colifornia
Son Diego County
My Comm. Expires Aug 28, 2000

May Signature

PATENT REEL: 010460 FRAME: 0761

PATENT

Application No.: 09/407,644 Client Code: TACHYON.041A Filing Date: 09/28/99

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of December William E.L. Leigh STATE OF California COUNTY OF SUNDLEAD Notary Rubic On 12,14,99 , before me, NON YOU'NEY, personally appeared William E.L. Leigh personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. [SEAL] Commission # 1109550

California

San Diego County

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RECORDED: 12/23/1999

PATENT

REEL: 010460 FRAME: 0762