TO THE 1. Nam 1. K 2. D	Dete: TACHYON.024A WURDER FOR PATENTS: J ASSISTANT COMMISSIONER FOR PATENTS: J ne of conveying party(ies): Carl E. Moerder Donald W. Becker itional name(s) of conveying party(ies) attached? () Yes (X) No	O2-01-2000
(X) () () () () Exec	Assignment Merger Security Agreement Change of Name Other: cution Date: 1 and 2 - December 16, 1999	 4. Application number(s) or Patent number(s): Application(s) filed herewith Execution Date(s): Patent Application No.: 09/407,641 Filing Date: 09/28/99 Patent No.: Issue Date: Additional numbers attached? () Yes (X) No
conc Nam Inter Stree City:	 and address of party to whom correspondence erning document should be mailed: and Richard E. Campbell KNOBBE, MARTENS, OLSON & BEAR, LLP Customer No. 20,995 and Address: Sixteenth Floor and Address: 620 Newport Center Drive Newport Beach State: CA ZIP: 92660 aney's Docket No.: TACHYON.024A 	 Total fee (37 CFR 3.41): \$40 (X) Enclosed (X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment 8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

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

<u>e</u> <u>12/20/99</u> Date Signature

<u>34,790</u> Registration No.

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

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

Total number of applications and patents involved: One

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Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231



ASSIGNMENT

WHEREAS, We, Karl E. Moerder, a United States citizen, residing at 13360 Whitewater Drive, Poway, California 92064, and Donald W. Becker, a United States citizen, residing at 6296 Camino Del Pajaro, Rancho Santa Fe, California 92067, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR CALIBRATION OF A WIRELESS TRANSMITTER for which we have filed an application for Letters Patent in the United States, Application No. 09/407,641, 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 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 said 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 lec 1959

Kal E M

Karl E. Moerder

STATE OF CULTERPISA COUNTY OF SAN DUGD

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ss.

Notary Public

On <u>12.16.99</u>, before me, <u>JUQUEINUMENT</u>, personally appeared Karl E. Moerder 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.	
[SEAI		Notary Signature

PATENT REEL: 010507 FRAME: 0163 Application No.: 09/407,641 Filing Date: 09/28/99 PATENT Client Code: TACHYON.024A Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of Daren bor 1999 Id W. Dan STATE OF CALLERIA ss. COUNTY OF San Diego Nutary Public On 12.110.99, before me, MUMINL by HWWW, 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. فرينة موالك موجوعها الماركيني المعتادية المترجيني والمقاطعا المالية WITNESS my hand and official seal. ugulind Jej Olun [\$EAL] JACQUELINE JOY GARNER Commission # 1109550 iotary Public --- California

San Diego County Comm. Expires Aug 28, 2000

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