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Name Patent Administrator

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Address (line 2) High Street Tower

Address (line 3) 125 High Street

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Patent Application Number(s)

Patent Number(s)

Grid for entering Patent Application Number(s) and Patent Number(s). Includes the number 09/522,870 in the first cell.

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Enter PCT application number only if a U.S. Application Number has not been assigned. PCT [] PCT [] PCT [] PCT [] PCT []

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Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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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. Charges to deposit account are authorized, as indicated herein.

Michael A. Rodriguez

Name of Person Signing

Handwritten signature of Michael A. Rodriguez

Signature

Handwritten date 7/25/00

Date

ASSIGNMENT

WHEREAS, I, **Marcos C. Tzannes**, have invented one or more improvements in

A Method For Seamlessly Changing Power Modes In An ADSL System

described in an application (or provisional application) for Letters Patent of the United States:

identified by Attorney Docket No. _____, and/or executed by me of even date herewith and about to be filed in the United States Patent Office;

Serial No. 09/522,870 filed in the United States Patent Office on March 10, 2000; and

WHEREAS, Aware, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 40 Middlesex Turnpike, Bedford, Massachusetts 01730 desires to acquire an interest therein, in accordance with agreements duly entered into with me;


NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application or such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of my entire right, title and interest therein.

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including: the execution of applications for patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved; and I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if none is indicated on that date of my execution of this assignment;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.


Inventor:



Marcos C. Tzannes

~~Commonwealth of Massachusetts~~
~~State of California~~
County of ~~Contra Costa~~ *Madras*) ss

Subscribed and sworn to before me, by the above-named Marcos C. Tzannes this 27th day of June, 2000.



Notary Public
My Commission Expires: 4/19/02