

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Marcos C. Tzannes	01/28/1998
George Kechriotis	01/28/1998
Pui Wu	01/28/1998
RECEIVING PARTY DATA	
Name:	Aware, Inc.
Street Address:	40 Middlesex Turnpike
City:	Bedford
State/Country:	MASSACHUSETTS
Postal Code:	02148
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09421835
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	120531-168584
NAME OF SUBMITTER:	Jessica Rose
Total Attachments: 2 source=120531-168584_InventorAssignment#page1.tif source=120531-168584_InventorAssignment#page2.tif	

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ASSIGNMENT

Whereas we, Marcos C. Tzannes, who resides at 665 Lowell Street, Unit #53, Lexington, MA 02173, George Kechriotis, who resides at 34 Hamilton Road, #2, Arlington, MA 02174 and Pui Wu, who resides at 41A Tremont Street, Malden, MA 02148, have made certain inventions or discoveries (or both) set forth in a provisional application for Letters Patent of the United States of America entitled ADAPTIVE ALLOCATION FOR VARIABLE BANDWIDTH MULTICARRIER COMMUNICATION, identified by Cesari and McKenna File No. 103118-0002, the specification of which was filed on June 12, 1997, and accorded Serial Number 08/873,421; and

Whereas Aware, Inc., whose address is 40 Middlesex Turnpike, Bedford, MA 01730, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited:

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all subsequent provisional and non-provisional applications as well as divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent application in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions

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and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee: to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the dates indicated next to our names.

11/23/78
Date

[Signature]
Marcos Tzannes, Inventor

Jan 28, 1978
Date

[Signature]
George Kechriotis, Inventor

Jan 22, 1978
Date

[Signature]
Pui Wu, Inventor

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