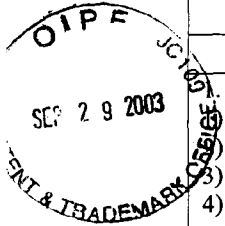


10-07-2003



FORM COVER SHEET
TS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 081513-299



Name of conveying party(ies): Marcos C. Tzannes Dongjun Lee 3) Todor Cooklev 4) Colin Lanzl		102569115 9-29-03	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Aware, Inc.</u> Street Address: <u>40 Middlesex Turnpike</u> City: <u>Bedford</u> State: <u>MA</u> Zip: <u>01730</u> Country: <u>United States</u> Postal Code: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			
Execution Date(s): 1 st Inventor: <u>September 25, 2003</u> 2 nd Inventor: <u>August 14, 2003</u> 3 rd Inventor: <u>August 12, 2003</u> 4 th Inventor: <u>August 8, 2003</u>			
4. Application number(s) or patent number(s); If this document is being filed together with a new application, the filing date of the application is: _____ A. Patent Application No.(s) <u>60/363,218</u> <u>10/382,921</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: <u>Jason H. Vick</u> Firm Name: <u>Nixon Peabody LLP</u> Internal Address: <u>Suite 900</u> Street Address: <u>401 9th Street, N.W.</u> City: <u>Washington</u> State: <u>D.C.</u> Zip: <u>20004-2128</u>		6. Total number of applications and patents involved: <u>2</u> 7. Total fee (37 CFR 3.41) <u>\$80.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>19-2380 (081513-299)</u> (Attach duplicate copy of this page if paying by deposit account)	
10/02/2003 H.E333 00000110 10382921 03 FC:8021 40.00 0P DO NOT USE THIS SPACE			
9. Statement and signature. <i>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.</i> <u>Jason H. Vick, Reg. No. 45,285</u> _____ <u>September 29, 2003</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>09</u>			
CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]			
I hereby certify that this correspondence is being:			
<input type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450 <input type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____			
_____ Date		_____ Signature	
_____ Typed or printed name			

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

Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450

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PATENT
REEL: 014553 FRAME: 0346

ASSIGNMENT

WHEREAS, We, Marcos C. TZANNES, Dongjun LEE, Todor COOKLEV and Colin LANZL have invented one or more improvements in:

SYSTEMS AND METHODS FOR HIGH RATE OFDM COMMUNICATIONS

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

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

Serial Nos. 60/369,218 and 10/382,921 filed in the United States Patent Office on March 8, 2002 and March 7, 2003 respectively; 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 us;

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, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, including Canada, in and to the inventions described in said application, together with our 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 of 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 us had this assignment and sale not been made; we hereby convey all of our 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. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said inventions, 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 our entire right, title and interest therein.

AND, we hereby further agree for ourselves and our 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

NVA257424.1

which said inventions or any application or patent directed thereto may be involved; and we 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 our execution of this assignment;

AND, we 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, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: 

Marcos C. Fzannes

Date: 9/25/02

Inventor: _____
Dongjun Lee

Date: _____

Inventor: _____
Todor Cooklev

Date: _____

Inventor: _____
Colin Lanzl

Date: _____

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Inventor: _____
Marcos C. Tzannes

Date: _____

Inventor: 
Dongjun Lee

Date: August 14, 2003

Inventor: _____
Todor Cooklev

Date: _____

Inventor: _____
Colin Lanzl

Date: _____

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Inventor: _____
Marcos C. Tzannes

Date: _____

Inventor: _____
Dongjun Lee

Date: _____

Inventor: 
Todor Cooklev

Date: August 12, 2003

Inventor: _____
Colin Lanzl

Date: _____

ASSIGNMENT

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Marcos C. Tzannes

Date: _____

Inventor: _____
Dongjun Lee

Date: _____

Inventor: _____
Todor Cooklev

Date: _____

Inventor: 
Colin Lanza

Date: 8 Aug 03