

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the spelling of Assignor Arnon Friedmann's name from "Amon" to "Arnon" previously recorded on Reel 013312 Frame 0919. Assignor(s) hereby confirms the Assignment Effective March 27, 2002.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marcos C. Tzannes</td> <td>03/27/2002</td> </tr> <tr> <td>Arnon Friedmann</td> <td>03/27/2002</td> </tr> </tbody> </table>		Name	Execution Date	Marcos C. Tzannes	03/27/2002	Arnon Friedmann	03/27/2002				
Name	Execution Date										
Marcos C. Tzannes	03/27/2002										
Arnon Friedmann	03/27/2002										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>AWARE, INC.</td> </tr> <tr> <td>Street Address:</td> <td>40 Middlesex Turnpike</td> </tr> <tr> <td>City:</td> <td>Bedford</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01730</td> </tr> </table>		Name:	AWARE, INC.	Street Address:	40 Middlesex Turnpike	City:	Bedford	State/Country:	MASSACHUSETTS	Postal Code:	01730
Name:	AWARE, INC.										
Street Address:	40 Middlesex Turnpike										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6731695</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6731695						
Property Type	Number										
Patent Number:	6731695										
CORRESPONDENCE DATA											
Fax Number:	3038630223										
Phone:	303-863-9700										
Email:	jvos@sheridanross.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Jason H. Vick / Sheridan Ross PC										
Address Line 1:	1560 Broadway										
Address Line 2:	Suite 1200										
Address Line 4:	Denver, COLORADO 80202										
ATTORNEY DOCKET NUMBER:	5550-21										
NAME OF SUBMITTER:	Jason H. Vick										

CH \$40.00 6731695

Total Attachments: 8

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09-25-2002

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 081513-184

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Marcos C. Tzannes
Arnon Friedmann

9-19-02

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other Corrective recordation on Reel 012741 and Frame 0656

Execution Date: March 27, 2002

2. Name and address of receiving party(ies)

Name: Aware, Inc.

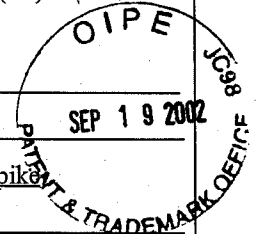
Internal Address: _____

Street Address: 40 Middlesex Turnpike

City: Bedford State: MA Zip: 01730

Country: _____ Postal Code: _____

Additional name(s) & address(es) attached? Yes No



4. Application number(s) or patent number(s);

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
10/106,329

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Attorney Name: Jason H. Vick
Firm Name: Nixon Peabody LLP
Internal Address: Suite 800
Street Address: 8180 Greensboro Drive,
City: McLean State: VA Zip: 22102

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

6. Submission Type

- New
- Resubmission (Non-Recordation)
Document ID# _____
- Correction of PTO Error
Reel # _____ Frame # _____
- Corrective Document
Reel # 012741 Frame # 0656

9. Deposit account number:

19-2380

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

10. 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.

Jason H. Vick
Name of Person Signing

Signature

September 19, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 7 sheets

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on _____

Name: _____

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

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06-24-2002
102131327

DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 081513-184

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Marcos C. Tzannes
Arnon Friedmann

6-18-02

OIP E
JUN 18 2002
PATENT & TRADEMARK OFFICE

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other Corrective Record on Reel

012741-0656 of the Conveying Party.

Execution Date: March 27, 2002

2. Name and address of receiving party(ies)

Name: Aware, Inc.

Internal Address: _____

Street Address: 40 Middlesex Turnpike

City: Bedford State: MA Zip: 01730

Country: _____ Postal Code: _____

Additional name(s) & address(es) attached? Yes No

OIP E
SEP 19 2002
PATENT & TRADEMARK OFFICE

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Reel # 012741 Frame # 0656

9. Deposit account number:

19-2380

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06/21/2002 DIAZ1 00000151 10106329

01 FC:581 40.00 DP

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10. 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.

Jason H. Vick
Name of Person Signing

[Signature]
Signature

June 18, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 7 sheets

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Washington, D.C. 20231

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

R

04-04-2002
102044431

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 081513-184

PTO
10/106329
03/27/02

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Marcso C. Tzannes
Arnon Friedmann

3-27-02

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Aware, Inc.
Internal Address: _____
Street Address: 40 Middlesex Turnpike
City: Bedford State: MA Zip: 01730
Country: _____ Postal Code: _____
Additional name(s) & address(es) attached? Yes No

O I P E
SEP 19 2002
PATENT & TRADEMARK OFFICE

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: March 27, 2002

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A. Patent Application No.(s) _____ B. Patent No.(s) 10/106329
Additional numbers attached? Yes No

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Attorney Name: Jason H. Vick
Firm Name: Nixon Peabody LLP
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Reel # _____ Frame # _____
 Corrective Document
Reel # _____ Frame # _____

9. Deposit account number:
19-2380

(Attach duplicate copy of this page if paying by deposit account)

04/03/2002 DIAZI 00000221 10106329
01 FC:581 40.00 OP

DO NOT USE THIS SPACE

10. 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.

Jason H. Vick _____ March 27, 2002
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 6 sheets

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on _____
Name: _____

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, We, Marcos C. Tzannes and Arnon Friedmann have invented one or more improvements in:

Systems And Methods For Implementing Receiver Transparent Q-Mode

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

identified by Attorney Docket No. 081513-184, and/or executed by us of even date herewith and about to be filed in the United States Patent Office;

Serial No. _____ filed in the United States Patent Office on _____; 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, 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,

NVA220208.1

ASSIGNMENT

WHEREAS, We, Marcos C. Tzannes and Arnon Friedmann have invented one or more improvements in:

Systems And Methods For Implementing Receiver Transparent Q-Mode

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Serial No. _____ filed in the United States Patent Office on _____; and

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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, 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.

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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 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. Tzannes

State of California)
County of) ss

Subscribed and sworn to before me, by the above-named Marcos C. Tzannes this _____ day of _____, 2002.

Notary Public

My Commission Expires: _____

Inventor:

Arnon Friedmann

Commonwealth of Massachusetts)
County of) ss

Subscribed and sworn to before me, by the above-named Arnon Friedmann this _____ day of _____, 2002.

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 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;

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County of) ss

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Notary Public

My Commission Expires: _____

Inventor:

Arnon Friedmann

Commonwealth of Massachusetts)

County of Massachusetts) ss

Subscribed and sworn to before me, by the above-named Arnon Friedmann this 27th day of March, 2002.

Kevin T. Puel

Notary Public

My Commission Expires: 4/15/02

NVA220208.1