

4-26-01

05-10-2001



Atty Ref/Docket No.: 1160.012US1

101709093

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

10978 U.S. PTO
09/842587
04/26/01

1. Name of conveying party(ies):

Aly A. Farag, David Tasman and Sameh M. Yamany

2. Name and address of receiving party(ies):

Name: University of Louisville Research Foundation, Inc.

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

Street Address: Joutt Hall
University of Louisville

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

City: Louisville State: KY ZIP: 40292

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

Execution Date: April 26, 2001

09842587

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: April 26, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Michael G. Smith

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

DO NOT USE THIS SPACE

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.

Michael G. Smith/Reg. No. 45,368

Name of Person Signing

Signature

4-26-01

Date

Total number of pages including cover sheet: 10

OMB No. 0651-0011 (exp. 4/94)

05/10/2001 11011AW2 00000012 190743 09842587

01 FC:581 40.00 CH

Do not detach this portion

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

WHEREAS, WE, Aly A. Farag, residing at 1703 Golden Leaf Way, Louisville, KY 40245, and David Tasman, residing at 1816 Kline Ct., Louisville, KY 40205, and Sameh M. Yamany, residing at 16511 Blatt Blvd., Apt. 105, Weston, FL 33326, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled SYSTEM AND METHOD FOR 3-D DIGITAL RECONSTRUCTION OF AN ORAL CAVITY FROM A SEQUENCE OF 2-D IMAGES.

AND WHEREAS, University of Louisville Research Foundation, Inc., a corporation organized and existing under and by virtue of the laws of the State of Kentucky, and having an office and place of business at Jouett Hall, University of Louisville, Louisville, KY 40292, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Docket No.: 1160.012US1
Serial No.: Not Assigned
Filing Date: Even Date Herewith
Page 2 of 3

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2001.

Aly A. Farag

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2001 before me personally appeared Aly A. Farag to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Docket No.: 1160.012US1
 Serial No.: Not Assigned
 Filing Date: Even Date Herewith
 Page 3 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2001.

 David Tasman

STATE OF _____)
)ss.
 COUNTY OF _____)

On this ____ day of _____, 2001 before me personally appeared David Tasman to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

 Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of April, 2001.

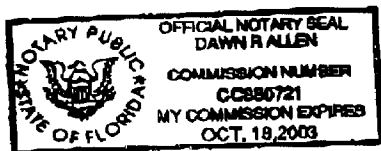
 Sameh M. Yamany

STATE OF FL)
)ss.
 COUNTY OF Brevard)

On this 26 day of April, 2001 before me personally appeared Sameh M. Yamany to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

 Dawn R. Allen
 Notary Public



ASSIGNMENT

WHEREAS, WE, Aly A. Farag, residing at 1703 Golden Leaf Way, Louisville, KY 40245, and David Tasman, residing at 1816 Kline Ct., Louisville, KY 40205, and Sameh M. Yamany, residing at 16511 Blatt Blvd., Apt. 105, Weston, FL 33326, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled SYSTEM AND METHOD FOR 3-D DIGITAL RECONSTRUCTION OF AN ORAL CAVITY FROM A SEQUENCE OF 2-D IMAGES.

AND WHEREAS, University of Louisville Research Foundation, Inc., a corporation organized and existing under and by virtue of the laws of the State of Kentucky, and having an office and place of business at Jouett Hall, University of Louisville, Louisville, KY 40292, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Doccket No.: I160.012US1
Serial No.: Not Assigned
Filing Date: Even Date Herewith
Page 2 of 3

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of April, 2001.

[Signature]
Aly A. Farag

STATE OF KENTUCKY)
JEFFERSON)^{ss.}

On this 26 day of APRIL, 2001 before me personally appeared Aly A. Farag to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

[Signature]
Notary Public

Notary Public, State of Larga, KY
My Commission Expires Oct 30, 2003

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2001.

David Tasman

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2001 before me personally appeared David Tasman to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2001.

Sameh M. Yamany

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2001 before me personally appeared Sameh M. Yamany to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

ASSIGNMENT

WHEREAS, WE, Aly A. Farag, residing at 1703 Golden Leaf Way, Louisville, KY 40245, and David Tasman, residing at 1816 Kline Ct., Louisville, KY 40205, and Sameh M. Yamany, residing at 16511 Blatt Blvd., Apt. 105, Weston, FL 33326, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled SYSTEM AND METHOD FOR 3-D DIGITAL RECONSTRUCTION OF AN ORAL CAVITY FROM A SEQUENCE OF 2-D IMAGES.

AND WHEREAS, University of Louisville Research Foundation, Inc., a corporation organized and existing under and by virtue of the laws of the State of Kentucky, and having an office and place of business at Jouett Hall, University of Louisville, Louisville, KY 40292, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2001.

Aly A. Farag

STATE OF _____)
)ss.
COUNTY OF _____)

On this ___ day of _____, 2001 before me personally appeared Aly A. Farag to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

DocId No.: 1160.0121081
Serial No.: Not Assigned
Filing Date: Even Date Horizontal
Page 3 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of April, 2001.

David Tasman
David Tasman

STATE OF Ky)
COUNTY OF Jefferson)ss.

On this 26 day of April, 2001 before me personally appeared David Tasman to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Sharon Finch
Notary Public 8/19/09

IN TESTIMONY WHEREOF, I have hereunto set my hand this ___ day of _____, 2001.

Samch M. Yamany
Samch M. Yamany

STATE OF _____)
COUNTY OF _____)ss.

On this ___ day of _____, 2001 before me personally appeared Samch M. Yamany to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public