

# RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 600.601US1

Patent and Trademark Office

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

1. Name of conveying party(ies):

Ahmed H. Tewfik and Ebrahim Saberinia

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ Other

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

Name: Regents of the University of Minnesota

Street Address: 450 McNamara Alumni Center  
200 Oak Street S.E.City: Minneapolis State: MIN Zip: 55455-2070Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: November 18, 2004, January 4, 2005

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)

B. Patent No.(s)

Serial No. 10/912,515, filed August 4, 2004

Additional numbers attached? ☐ Yes ☒ No

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

Name: Rodney L. Lacy

Address:

Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 554026. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Please charge any additional fees or credit any over payments 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.

Rodney L. Lacy/Reg. No. 41.136

Name of Person Signing



Signature

February 7, 2005

Date

Total number of pages including cover sheet: 7

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

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT

REEL: 015666 FRAME: 0153

700151927

CH \$40.00 190743 10912516

## ASSIGNMENT

WHEREAS, We, Ahmed H. Tewfik, residing at 7317 Oaklawn Avenue, Edina, MN 55435, and Ebrahim Saberina, residing at 2601 S. Pavilion Center Drive, #1250, Las Vegas, NV 89135, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 4, 2004, which application was assigned U.S. patent application serial number 10/912,515, and is entitled RANGING IN MULTI-BAND COMMUNICATION SYSTEMS:

AND WHEREAS, Regents of the University of Minnesota, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455-2070 (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 therefor;

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 there from, 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 there from; 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.

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Filing Date : August 4, 2004  
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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 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 18<sup>th</sup> day of November, 2004.

Ahmed H. Tewfik  
Ahmed H. Tewfik

STATE OF Minnesota )  
 )ss  
COUNTY OF Hennepin )

On this 18<sup>th</sup> day of November, 2004 before me personally appeared Ahmed H. Tewfik, 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.



Rachel A. Muntean  
Notary Public

Docket No: 600.601US1  
Serial Number : 10/912,515  
Filing Date : August 4, 2004  
Page 3 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of

\_\_\_\_\_, 2004.

\_\_\_\_\_  
Ebrahim Saberinia

STATE OF \_\_\_\_\_)

)ss

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_ day of \_\_\_\_\_, 2004 before me personally appeared Ebrahim Saberinia, 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  
\_\_\_\_\_

Feb 03 05 10:32a

NOV. 23. 2004 3:17PM

SPONSORED PROJECTS ADMIN

NO. 5690 P. 6

P. 6

## ASSIGNMENT

WHEREAS, We, Ahmed H. Tewfik, residing at 7317 Oaklawn Avenue, Edina, MN 55435, and Ebrahim Sabaginia, residing at 2601 S. Pavilion Center Drive #1250, Las Vegas, NV 89135, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 4, 2004, which application was assigned U.S. patent application serial number 10/912,515, and is entitled RANGING IN MULTI-BAND COMMUNICATION SYSTEMS;

AND WHEREAS, Regents of the University of Minnesota, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455-2070 (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 therefor;

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 there from, 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 there from; 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.

PATENT

REEL: 015666 FRAME: 0157

Feb 03 05 10:32a

NOV. 23. 2004 3:17PM

SPONSORED PROJECTS ADMIN

NO. 5890 P. 7

p. 7

Docket No: 606.601US1  
 Serial Number: 104912,515  
 Filing Date: August 4, 2004  
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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 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 18<sup>th</sup> day of November, 2004.

Ahmed H. Tewfik  
 Ahmed H. Tewfik

STATE OF Minnesota )  
 )ss

COUNTY OF Hennepin )

On this 18<sup>th</sup> day of November, 2004 before me personally appeared Ahmed H. Tewfik, 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.



Rachel A. Minten  
 Notary Public

Feb 03 05 10:33a

NOV. 23. 2004 3:17PM

SPONSORED PROJECTS ADMIN

NO. 5890-P. 8

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Docket No: 680.601031  
Serial Number: 10912515  
Filing Date: August 4, 2004  
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IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of  
January, ~~2004~~ 2005

E. Saberina

Ebrahim Saberina

STATE OF NevadaCOUNTY OF Clark

On this 4th day of January, ~~2004~~ 2005 before me personally appeared Ebrahim  
Saberina, 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]

K. Switalski  
Notary Public