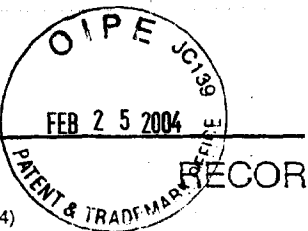


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FORM PTO-1595  
(Rev. 6-93)

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



102685703

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies): **2.25.04**  
**MATTHEW T. GRIFFIN**  
**ROBERT F. MCATEE**  
**JACK E. FULTON JR.**

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

3. Nature of conveyance:

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

Execution Date: **02/06/04**

2. Name and address of receiving party(ies)  
The United States of America as  
Name: represented by the Secretary of the  
Navy  
Internal Address: Chief of Naval Research  
OFFICE OF COUNSEL  
(ATTN: CODE OCCCIP)

Street Address: BALLSTON TOWER ONE  
800 NORTH QUINCY STREET  
City: ARLINGTON State: VA ZIP: 22217-  
5660

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)

**10/774644**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Office of Counsel, Code OC4  
Internal Address: Naval Surface Warfare Center  
Indian Head Division  
Street Address: 101 Strauss Ave. Bldg. D-31  
City: Indian Head State: MD ZIP: 20640

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. Deposit account number:  
50-1114  
(Attach duplicate copy of this page if paying by deposit account.)

03/04/2004 EDOOPER 00000246 501114 10774644

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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.

Mark Homer, Reg. No. 41,848  
Name of Person Signing

*Mark Homer*  
Signature

**2/20/04**  
Date

Total number of pages including cover sheet, attachments, and documents

**PATENT**

REEL: 015025 FRAME: 0611

# ASSIGNMENT OF INVENTION

Navy Case 84816

WHEREAS, we, Matthew T. Griffin and Robert F. McAtee of Bloomington, Indiana; and Jack E. Fulton Jr. of Elora, Indiana, while employed by the government of the United States of America, hereinafter referred to as the Government, have invented certain new and useful improvements in ION MOBILITY SPECTROMETER USING ION BEAM MODULATION AND WAVELET DECOMPOSITION, identified as Navy Case 84816 and described in application for Letters Patent of the United States of America executed by us on , 2004, and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph I(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, the Government is desirous of obtaining the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to the **United States of America as represented by the Secretary of the Navy** the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America United States of America as represented by the Secretary of the Navy to the 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 not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to us within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention, and that the rights in the foreign countries not exercised under the option are left in us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

**We hereby further agree** to make, execute, and deliver to the Government any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, **and to assist the Government in every way in protecting the invention as may be requested**, provided that any expense arising through such efforts will be paid by the Government.

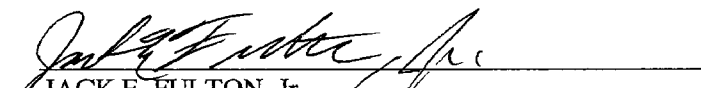
IN TESTIMONY WHEREOF, we have set our hands and affixed our seals.

  
MATTHEW T. GRIFFIN

2/3/2004  
date

  
ROBERT F. MCATEE

2/3/2004  
date

  
JACK E. FULTON, Jr.

3 Feb 04  
date

# ASSIGNMENT OF INVENTION

Navy Case 84816

WHEREAS, we, Matthew T. Griffin and Robert F. McAtee of Bloomington, Indiana; and Jack E. Fulton Jr. of Elkhart, Indiana, while employed by the government of the United States of America, hereinafter referred to as the Government, have invented certain new and useful improvements in ION MOBILITY SPECTROMETER USING ION BEAM MODULATION AND WAVELET DECOMPOSITION, identified as Navy Case 84816 and described in application for Letters Patent of the United States of America executed by us on \_\_\_\_\_, 2004, and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, the Government is desirous of obtaining the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to the **United States of America as represented by the Secretary of the Navy** the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the 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 not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to us within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention, and that the rights in the foreign countries not exercised under the option are left in us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

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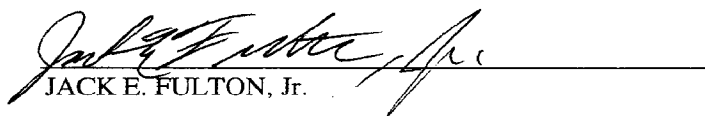
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3 Feb 04  
date