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05-18-1999



HEET

To: The Honorable Comm.
original documents or copy thereof:

101039271

101039271 & Trademarks: Please record the attached

1. Name of conveying party(ies)

DOUGLAS JAI FOUTS

KHALED ALI SHEHATA

Additional name(s) of conveying party(ies) attached
yes/ ☒ no

3. Nature of conveyance:

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

Execution Date(S): 11/3/97 & 11/6/97

2. Name & Address of receiving party(ies):

Name: The United States of America as
Represented by the Secretary of the Navy

Internal Address: Chief of Naval Research,
Office of Counsel, Code 00C

Street Address: Ballston Tower One
800 N. Quincy Street

City: Arlington State: VA Zip: 22217-5660

Additional name(s) & address(es) attached ☐ yes ☒ no

CC516 U.S. PTO
09/304583
05/04/99

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

If this document is being filed together with a new Application, the execution date(s) of the Application are 11/3/97 & 11/6/97

A. Patent Application No.(s) 09/304583 B. Patent No.(s) _____

Navy Case No. 78424

Serial No. _____

Additional numbers attached ☐ Yes ☒ No

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

Name: DONALD E. LINCOLN
Internal Address: Office of Counsel, Code 00C
Naval Postgraduate School

Street Address: 1 University Circle, Room 129

City: Monterey State: CA Zip: 93943-5001

6. Total Number of applications and patents involved: 1

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

☐ Enclosed ☒ Authorized to charge to deposit account

8. Deposit Account Number: 04-0814

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

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9. Statement and signature:

To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.

DONALD E. LINCOLN, Reg. No. 34,213

Name of Person Signing

Signature

Date

November 10, 1997

CERTIFICATE OF MAILING BY EXPRESS MAIL (37 CFR §1.10)

I hereby certify that these papers, along with any paper referred to as being attached or enclosed, are being deposited with the United States Postal Service on the date shown below with sufficient postage in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10 addressed to: Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231

DONALD E. LINCOLN
Registration No. 34,213

Date November 10, 1997

Total number of pages, including cover sheet, attachments, documents and Post Card. 42

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04-0814
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05/13/1999 MGD
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ASSIGNMENT

WHEREAS, We DOUGLAS JAI FOUTS, of 158 Pacific Avenue, Unit # 2, Pacific Grove, CA 93950 AND
KHALED ALI SHEHATA of Nahia, Imbaba, Giza, Egypt,
while employed by the Government of the United States, have invented certain new and useful improvements in:

**TWO-PHASE DYNAMIC LOGIC CIRCUITS FOR GALLIUM ARSENIDE
COMPLEMENTARY HIGFET FABRICATION PROCESS**

identified as Navy Case No. 78424 described in Application for Letters Patent of the United States, executed by Us
on November 3, 1997, 1997, and _____, 1997 and

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred
to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other
rights and benefits herein granted; and

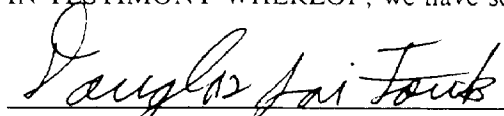
WHEREAS, the conditions under which the invention was made are such as to entitle the Government under
Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights;

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 Government 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
to be held by the Government 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 the invention
and all patent application or other forms of protection thereon in all countries foreign to the United States in which
the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without
payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention,
or applications, or other forms of protection thereon, shall have force and effect only if the Government determines
within eight (8) months from the filing date of the U. S. Application for United States Letters Patent that a foreign
patent should also be filed covering the invention, or within eight months from the declassification of the invention,
whichever is later, and that all foreign rights not exercised under the option are left to us, subject to a nonexclusive,
irrevocable royalty-free license to the Government in any patent or other form of protection which may issue on said
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 my hands and affixed our seals.



DOUGLAS JAI FOUTS

Date: Nov. 3, 1997

KHALED ALI SHEHATA

Date: _____

ASSIGNMENT

WHEREAS, We DOUGLAS JAI FOUTS, of 158 Pacific Avenue, Unit # 2, Pacific Grove, CA 93950 AND KHALED ALI SHEHATA of Nahia, Imbaba, Giza, Egypt, while employed by the Government of the United States, have invented certain new and useful improvements in:

**TWO-PHASE DYNAMIC LOGIC CIRCUITS FOR GALLIUM ARSENIDE
COMPLEMENTARY HIGFET FABRICATION PROCESS**

identified as Navy Case No. 78424 described in Application for Letters Patent of the United States, executed by Us on _____, 1997, and 11/6/97, 1997 and

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; 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;

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 Government 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 to be held by the Government 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 the invention and all patent application or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention, or applications, or other forms of protection thereon, shall have force and effect only if the Government determines within eight (8) months from the filing date of the U. S. Application for United States Letters Patent that a foreign patent should also be filed covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to us, subject to a nonexclusive, irrevocable royalty-free license to the Government in any patent or other form of protection which may issue on said 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 my hands and affixed our seals.

DOUGLAS JAI FOUTS

Date: _____

Khaled Ali Shehata

KHALED ALI SHEHATA

Date: 11/6/97