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

1. Name of conveying party(ies):

APA OPTICS INCORPORATED

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other CONFIRMATORY INSTRUMENT

Execution Date: 06/26/02

2. Name and address of receiving party(ies)

Name: NAVY, SECRETARY OF THE, UNITED

Internal Address: STATES OF AMERICA

OFFICE OF NAVAL RESEARCH

Street Address: 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)

B. Patent No.(s) 5,192,987

Additional numbers attached? ☐ Yes ☒ No

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

Name: CAROL PETROSKY

Internal Address: OFFICE OF NAVAL RESEARCH

OFFICE OF COUNSEL

Street Address: 800 NORTH QUINCY STREET

City: ARLINGTON State: VA Zip: 22217-5660

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ No Fee Req'd



Enclosed



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THOMAS E. MCDONNELL

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PATENT & TRADEMARK OFFICE

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DEPARTMENT OF THE NAVY
CONFIRMATORY INSTRUMENT

1. APPLICATION FOR (Title of Invention))

HIGH ELECTRON MOBILITY TRANSISTOR WITH
GAN/ALxGA1-xN HETEROJUNCTIONS

2. INVENTOR(S)

KHAN ET AL

3. SERIAL NO. / Patent No.

701,792 / 5,192,987

4. FILING DATE / Issued Date

5/17/91 / 3/9/93

5. CONTRACTOR/GRANTEE

APA OPTICS INCORPORATED

6. CONTRACT/GRANT NO.

N00014-90-C-0146

7. The Invention identified above is a "Subject Invention" under Patent Rights Clause FAR 52.227-11
(identify clause by title and date)

R/S 6/89

Included in Contract/Grant No.

N00014-90-C-0146

with the

Department of the Navy.

This document is confirmatory of the paid-up license granted to the government under this contract/grant in this invention, patent application and any resulting patent, and of all other rights acquired by the government by the referenced clause.

The government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this

26th

day of

June 2002

(Seal)

APA Optics, Inc.

CONTRACTOR/GRANTEE

By:

SIGNATURE

Anil K. Jain

NAME (Typed or printed)

President

TITLE OF CONTRACTOR/GRANTEE OFFICIAL

2950 N.E. 84th Lane

Blaine, MN 55449

BUSINESS ADDRESS