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4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

15/714,749

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$:

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PATENT
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Invention Title: Gallium Nitride Cross-Gap Light Emitters based on Unipolar-Doped Tunneling Structures

Inventor(s): Elliott R. Brown, Weidong Zhang, Tyler Growden, Paul Berger, David J. Meyer, David Storm

U.S. Filing/Issue Date: 09/25/2017

Patent or Application Serial No.: 15/714,749

Grant/Contract Number(s): N00014-11-1-0721

Foreign Applications filed/intended in (countries): _____

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Signed this 29 day of August, 20 18

By Ellen Reinsch Friesse
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