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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)

11/736,378

Additional numbers attached? ☐ Yes ☒ No

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

Name: Office of Patent Counsel

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### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0

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### 9. Signature:

Kyle Eppele  
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July 13, 2010  
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Invention Title: Loops and Tree Basis Functions and Preconditioner for Layered Structures with Holes and Vias

Inventor(s): Swagato Chakraborty, Jandhyala Vikram

U.S. Filing/Issue Date: 4/17/2007

Patent or Application Serial No.: 11/736,378

Grant/Contract Number(s): ECS0093102, N66001-01-1-8920

Foreign Applications filed/intended in (countries): \_\_\_\_\_

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Signed this 30th day of May, 2007

By Fred B. Holt, Ph.D.

(Name of Grantee/Contractor Official)

(Signature)

Title Interim Director, UW TechTransfer - Digital Ventures

For UNIVERSITY OF WASHINGTON

(Grantee/Contractor Organization)

At 4311 11th Ave. NE Suite 500 Seattle, WA 98105 US

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Patent docket No. 06-0072-00, Invention Report Number 908/701-06-0072  
UW Ref:#4034-INV-0002