PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENCE

CONVEYING PARTY DATA

Name	Execution Date
Stanford University	11/09/2006

RECEIVING PARTY DATA

Name:	National Science Foundation	
Street Address:	4201 Wilson Blvd.	
Internal Address:	rm 1265	
City:	Arlington	
State/Country:	VIRGINIA	
Postal Code:	22230	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11533719

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Total Attachments: 1

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PATENT REEL: 019179 FRAME: 0249

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title:

Propagating modes in subwavelength cylindrical holes in an

optically thick metallic film

Inventors:

Peter B. Catrysse

Shanhui Fan **Hocheol Shin**

Patent or Application Serial No: 11/533,719

U.S. Filing / Issue Date:

9/20/06

Agency:

National Science Foundation

Grant / Contract:

NSF 0134607

Grantee / Contractor File:

S04-322

Foreign Applications:

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 of FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the above agency. This document is confirmatory of:

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- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this 9th day of November, 2006

Katharine Ku, Director, Office of Technology Licensing

For: The Board of Trustees of the Leland Stanford Junior University

At: Stanford University, Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA

94306-1106

RECORDED: 04/18/2007

PATENT REEL: 019179 FRAME: 0250