

PATENT ASSIGNMENT

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CONVEYING PARTY DATA	
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Louisville, University of	08/05/2008
RECEIVING PARTY DATA	
Name:	National Science Foundation
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State/Country:	VIRGINIA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
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PATENT
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Invention Title: METALLIC NANONEEDLE TIPS, DEVICES AND SYSTEMS: FABRICATION AND APPLICATION

Inventor(s): Frank P Zamborini, Santosh Pabba, Steven A Harfenist, Mahdi Hosseini, Mehdi M Yazdanpanah, Robert W Cohn

U.S. Filing/Issue Date: 6-2-08

Patent or Application Serial No.: 12/156 534

Grant/Contract Number(s): ECS0506941

Foreign Applications filed/intended in (countries): _____

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Signed this 4th day of August, 20 08.

By Melea East, Assoc. Director
(Name of Grantee/Contractor Official)

[Signature]
(Signature)

Title _____

For UNIVERSITY OF LOUISVILLE

(Grantee/Contractor Organization)

At Med Center 3 201 E. Jefferson St. Suite 215 Louisville, KY 40202 US
(Business Address)

License to the United States Government

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Inventor(s): Frank P Zamborini, Santosh Pabba, Steven A Harfenist, Mahdi Hosseini, Mehdi M Yazdanpanah, Robert W Cohn

U.S. Filing/Issue Date: 6-1-07

Patent or Application Serial No.: 60/932 919

Grant/Contract Number(s): ECS0506941

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(Name of Grantee/Contractor Official) (Signature)
Title _____

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