PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
CONVEYING PARTY DATA							
Name Execution Date							
Indiana University 11/03/2003							
RECEIVING PARTY DATA							
Name:	National Scier	National Science Foundation					
Street Address:	4201 Wilson Blvd						
Internal Address:	Room 1265						
City:	Arlington						
State/Country:	VIRGINIA						
Postal Code:	22230						
PROPERTY NUMBERS Total: 1							
Property Type		Number					
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License to the United States Government

Invention Title: Water-Soluble Luminescent Quantum Dots and Biomolecular Conjugates thereof and Related Compositions and Methods of Use

Inventor(s): Shuming Nie; Warren C.W. Chan; Stephen Emory

Patent or Application Serial No.: 10/228,716

U.S. Filing/Issue Date: 08/27/2002

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Grant/Contract Identification Number(s): CHE-9610254

Foreign Applications filed/intended in (countries):

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 or FAR 52.227-11**, which are included among the terms of the above-identified grant/contract award from the United States Government. This document is confirmatory of:

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

Signed this	<u>3rd</u>	day of	November	, 2003.
By	lak	Plan		Mark S. Long, President & CEO, ARTI
	/	(Grantee/Obnt	ractor Official a	nd Title)
For <u>Indian</u>	<u>a Universi</u>	ty		

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RECORDED: 12/29/2011