

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Joseph J. BARCHI Jr.	02/04/2004
Serge A. SVAROVSKY	02/04/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Government of the U.S. of America, as represented by the Secretary, Department of Health and Human Services
<b>Street Address:</b>	6011 Executive Boulevard
<b>City:</b>	Rockville
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20852
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10578405
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20004-9998
<b>ATTORNEY DOCKET NUMBER:</b>	31978-230391
<b>NAME OF SUBMITTER:</b>	Lars. H. Genieser
<b>Total Attachments: 2</b>	
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CH \$40.00 10578405

**ASSIGNMENT**

WHEREAS, WE, Joseph, J., BARCHI, JR., residing at 8418 Aynsley Court, Frederick, MD 21702, USA, a citizen of the United States of America, and Serge A. SVAROVSKY, residing at 1501 W. 10<sup>th</sup> Street, Frederick, MD 21702, USA, a citizen of the Russian Federation have invented BIOFUNCTIONALIZED QUANTUM DOTS FOR BIOLOGICAL IMAGING for which an international application under provision of the Patent Cooperation Treaty has been filed on November 5, 2003 under PCT/US03/34897; and

WHEREAS, WE ARE the applicant(s) named in the above-identified application for Letters Patent; and

WHEREAS, the conditions under which said invention were made are such as to entitle The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT) under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, THE GOVERNMENT is desirous of acquiring the entire domestic and foreign right, title, and interest in the above-mentioned invention described in the Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE hereby assign and transfer to THE GOVERNMENT, as represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States of America and within each and every foreign country in which THE GOVERNMENT elects to file and the entire right, title, and interest in and to such applications, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the United States of America and foreign countries, and such Letters Patent as may be granted to be held by THE GOVERNMENT to the end of the term for which the same would have been held by the inventors had this assignment not been made.

WE further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

IN WITNESS WHEREOF WE subscribe OUR hand and seal on the date shown below

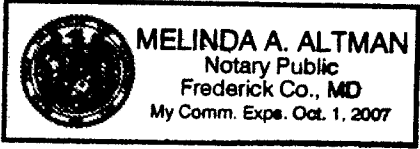
Signature: [Handwritten Signature] Date 2/4/04

County of Frederick

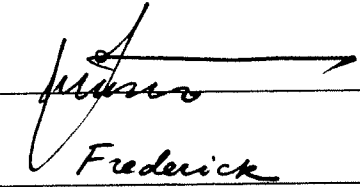
State of Maryland Soc. Sec. No.: 144-60-0235

Subscribed and sworn to before me this 4<sup>th</sup> day of February, ~~2003~~ 2004

Melinda A. Altman  
Notary Public



**ASSIGNMENT**

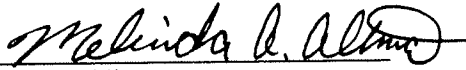
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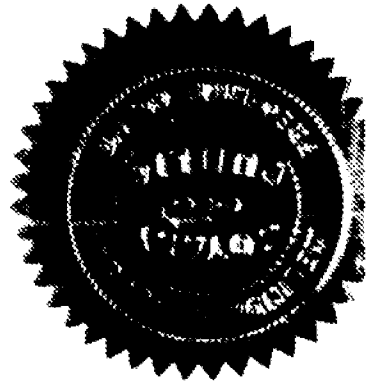
Date 02/04/04

County of Frederick

State of Maryland Soc. Sec. No.: 235-41-1065

Subscribed and sworn to before me this 4<sup>th</sup> day of February, ~~2003~~ 2004

  
Notary Public



DC2/497580

