

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE												
CONVEYING PARTY DATA													
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>University of Illinois</td><td>06/29/1995</td></tr></table>	Name	Execution Date	University of Illinois	06/29/1995									
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University of Illinois	06/29/1995												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>National Science Foundation</td></tr><tr><td>Street Address:</td><td>4201 Wilson Blvd</td></tr><tr><td>Internal Address:</td><td>Room 1265</td></tr><tr><td>City:</td><td>Arlington</td></tr><tr><td>State/Country:</td><td>VIRGINIA</td></tr><tr><td>Postal Code:</td><td>22230</td></tr></table>	Name:	National Science Foundation	Street Address:	4201 Wilson Blvd	Internal Address:	Room 1265	City:	Arlington	State/Country:	VIRGINIA	Postal Code:	22230	
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PROPERTY NUMBERS Total: 1													
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>08435353</td></tr></table>	Property Type	Number	Application Number:	08435353									
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CORRESPONDENCE DATA													
Fax Number: (703)292-9041 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Total Attachments: 1 source=38#page1.tif													

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PATENT
REEL: 024433 FRAME: 0206

LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confirms to the United States Government, as represented by the National Science Foundation, an irrevocable, nonexclusive, nontransferable, royalty-free license to practice or have practiced on its behalf throughout the world the following subject invention:

Invention title: "Chalcogenide Optical Pumping System Driven by Broad Absorption Band"

Inventor(s): Stephen G. Bishop, Shiqun Gu and Douglas A. Turnbull

Patent application number and filing date: USSN 08/435,353 filed May 5, 1995

Country, if other than United States: Foreign countries unknown at this time

This subject invention was made with National Science Foundation support through:

Grant or contract number: ECR 89-43166

Principal rights to this subject invention have been waived to the licensor, The Board of Trustees of the University of Illinois.

Licensor: The Board of Trustees of the
University of Illinois

Signed: Craig S. Bazzani
Craig S. Bazzani, Comptroller

Date: 6/29/95

Attest: Michele M. Thompson
Michele M. Thompson, Secretary

Accepted on behalf of the Government: _____
National Science Foundation

Date: _____