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Signature

MAR 1 3 2002 Date

01-2752

No

09/666,329 S-95349

Joint

U.S. DEPARTMENT OF ENERGY PATENT ASSIGNMENT FORM

WHEREAS, WE Fred R. Holdener and Robert D. Boyd.

citizen of the <u>United States</u> , residing in <u>Tracy</u>				
ounty of <u>San Joaquin</u> State of <u>California</u>				
citizen of the <u>United States</u> , residing in <u>Livermore</u>				
County of <u>Alameda</u> State of <u>California</u>				
have invented certain new and useful improvements in <u>BISTABLE OPTICAL ELEMENT ACTUATOR DEVICE</u> for				
which we are about to file an application for United States Letters Patent identified as S-95349,				
xecuted by me on $9/18/2000$; executed by me on $9/18/2000$;				
(date signed by Holdener) (date signed by Boyd)				

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, We by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Parent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and We agree that We will aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

PATENT REEL: 012709 FRAME: 0194

WITNESS: Mandall Cr. Chan	(Fred R. Holdener) Date 9 18 2000
WITNESS: Manshall W. Chang	(Robert D. Boyd) Date 9/18/2000
	36666666666666666666666666666666666666
	of the of California this 25 day of Sept xx 2000
for the inventor(s) whose signature(s) appears above. WITNESS:	Janet D. Leel 1 (Signature of Contractor's Official)
Some factor By	Janet G. Tulk
Staron Reutov	(Name of Contractor's Official -Type or Print) Laboratory Counsel
	(Title of Contractor's Official)
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Accepted for the Benefit of the Government of the United	UNITED STATES DEPARTMENT OF ENERGY
WITNESS:	By Assistant General Counsel for Intellectual Property

RECORDED: 03/13/2002

PATENT REEL: 012709 FRAME: 0195