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Christopher R. Cherry		SANDIA NATIONAL LABORATORIES P. O. Box 5800 - MS-0161 Albuquerque, New Mexico 87185-0161
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Other: Assignmen	t & Confirmatory Licen	
Execution Date: 8/	2/99	Additional name(s) & address(es) attached? Yes X N
If this document is be	ing filed together with a new	w application, the execution date of the application is
A. Patent Applica	tion No.(s)	B. Patent No.(s)
09/365,655		Filed: 8/2/99 Issued:
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	s of party to whom corr locument should be mai	* * * * * * * * * * * * * * * * * * * *
	Timothy D. Stanley Sandia National Labo	7. Total fee (37 CFR 3.41) \$40.00
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PATENT

REEL: 010367 FRAME: 0099

ASSIGNMENT

WHEREAS, Christopher R. Cherry of Albuquerque, New Mexico has(have) made an invention relating to APPARATUS AND METHOD FOR PRODUCING FRAGMENT-FREE OPENINGS in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: S-91,406 duly executed by said inventors on

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation under Class Waiver W(C)93-012; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

PATENT REEL: 010367 FRAME: 0100

Signed at Albuquerque, New Mexico, this day City. State	y of 1999.
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Christopher R. Cherry	
emistopher R. Cherry	
STATE OF MAN Manin	
STATE OF <u>New Mexico</u>)) ss: COUNTY OF <u>Bernalello</u>)	
COUNTY OF Bernalile) ss.	
On the 2nd day of dugust, 199	99, personally appeared before me, Viola
Campos, Notary Public, Christopher R. Cherry to m	
and who executed the foregoing instrument, and who same.	acknowledged to me that he executed the
	. 0
_ <u>''</u>	iola Campas
	Notary Public
6-12-2003	
6-12-2003 Approved and consented to this 2 day of $=$, 1999.
)
	SANDIA CORPORATION
	Ti The City I
	Timothy D. Stanley Chief Patent Counsel
	Patent and Licensing Office, MS 0161

RECORDED: 11/04/1999

PATENT REEL: 010367 FRAME: 0101