Form PTO-1595 (Rev. 08/05)  OMB No. 0651-0027 (exp. 6/30/2008)	04-27	2007	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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To the Director of the U.S. Patent	103400	0117	documents or the new address(es) below.
1. Name of conveying party(ies)	/		address of receiving party(ies)
William J. Alford	. \	\	UDIA CORPORATION
James K. Gruetzuer		Internal Addre	ess: MS-OLEL
Daniel R. Heal		<u> </u>	
Additional name(s) of conveying party(ies) attacts.  3. Nature of conveyance/Execution		Street Address	s: P.O. Box 5800
Execution Date(s) 9/23/99 8			
1. v	erger		· · · · · · · · · · · · · · · · · · ·
Security Agreement Ch	ange of Name	City: Alk	oqueique
Joint Research Agreement	J	State: No.	w Mexico
Government Interest Assignment			15A zip: 87185
Executive Order 9424, Confirmator	ry License	Country:	Zip: 0 / 103
Other Reel: 010271; F	neuton.	Additional name	(s) & address(es) attached?  Yes No
4. Application or patent number(s):	This		ng filed together with a new application.
A. Patent Application No.(s)		B. Patent N	lo.(s)
09/111,620			5,936,720
Ac	dditional numbers at	I tached?	<b>∑</b> No
5. Name and address to whom corre	•		er of applications and patents
concerning document should be ma			one (i)
Name: SANDIA MA	<u>.                                      </u>	7. Total fee (37	7 CFR 1.21(h) & 3.41) \$ 40.60
Internal Address: Tutellectual	roperty, 1500	Authorized	to be charged by credit card
Mail Stop-0161			to be charged to deposit account
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		None requ	ired (government interest not affecting title)
City: Albuqueque		8. Payment In	<b>를 1</b>
State: New Mexico Zip: E	37185	a. Credit Car	rd Last 4 Numbers S
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Russell D. El Name of Person  Documents to be recorded (	lioft Signing		otal number of pages including cover sheet, attachments, and documents:

**PATENT** 

**REEL: 019224 FRAME: 0630** 

FORM PTO-1595

## RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original

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documents or copies thereof.

PATENTS ONLY Patent and Trademark Office

1. Name of conveying party(ies):	2. Name and address of receiving party(ies)	
William J. Alford, James K. Gruetzner and Daniel R. Neal	SANDIA NATIONAL LABORATORIES P. O. Box 5800 - MS-0161 Albuquerque, New Mexico 87185-0161	
Additional name(s) of conveying party(ies) attached? Yes X No		
3. Nature of conveyance:		
⊠Assignment □ Merger		
□ Security Agreement □ Change of Name		
□ Other: Assignment & Confirmatory License		
Execution Date: <u>9/23/99 8/31/99 9/2/99</u> Yes <u>X</u> No	Additional name(s) & address(es) attached?	
If this document is being filed together with a new application	on, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
09/111,620	Filed: 7/7/97 Issued:	
Additional numbers attached?   ☐ Yes X No		
5. Name and address of party to whom correspondent concerning document should be mailed:	6. Total number of applications and patents involved: one (1)	
Name: <u>Timothy D. Stanley</u> Sandia National Laboratories nternal Address: <u>Patent &amp; Licensing, 11500</u>	7. Total fee (37 CFR 3.41) \$40.00	
Mail Stop 0161	□ Enclosed	
Street Address: P. O. Box 5800	X Authorized to be charged to deposit accoun	
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City: Albuquerque State: NM ZIP: 87185-016	(Attach duplicate copy of this page if paying by account)	
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Mail documents to be recorded with re		

## ASSIGNMENT

WHEREAS, Daniel R. Neal of Tijeras, New Mexico and William J. Alford and James K. Gruetzner of Albuquerque, New Mexico; has(have) made an invention relating to BEAM CHARACTERIZATION BY WAVEFRONT SENSOR 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-88,406 duly executed by said inventors.

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: 019224 FRAME: 0632

William J. Alford	9/23/99 Date
James K. Gruetzner	
STATE OF NEW MEXICO COUNTY OF BERNALILLO	) ) ss: )
before me, Viola Campos, Notary	day of, 1999, personally appeared Public, William J. Alford and James K. Gruetzner to me sed in and who executed the foregoing instrument, and who sted the same
OFFICIAL STAL  VIOLA CAMPOS  NOTATE OF NEW MEXICO  May Commission Expires 6-12-2003	Viola Campur  Notary Public
Approved and consented to this _ 2 '	day of September, 1999.
	SANDIA CORPORATION  Mens William Corporation  Timothy D. Stanley
	Chief Patent Counsel

PATENT

**REEL: 019224 FRAME: 0633** 

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SD-5986/S-88,406 Page 2

Baniel R. Néal	Date
STATE OF NEW MEXICO	) ) ss:
COUNTY OF BERNALILLO	)
On the 2nd	day of Sostamber, 1999, personally appeared Notary Public, Daniel R. Neal to me known to be the
individual described in and who me that he executed the same.	Notary Public, Daniel R. Neal to me known to be the executed the foregoing instrument, and who acknowledged to
OFFICIAL SEAL	Seronica & Brouchard
VERONICA L. BOUCHARD NOTARY PUBLIC STATE OF NEW	
My commission expires: 1-13-	
Approved and consented to this _	1999.

**RECORDED: 03/16/2007** 

SANDIA CORPORATION

Timothy D Stanley

Chief Patent Counsel

Patent and Licensing Office, MS 0161

PATENT

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