PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENCE

CONVEYING PARTY DATA

Name	Execution Date
University of Chicago	12/06/2005

RECEIVING PARTY DATA

Name:	National Science Foundation	
Street Address:	4201 Wilson Blvd.	
Internal Address:	rm 1265	
City:	Arlington	
State/Country:	VIRGINIA	
Postal Code:	22230	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	10651370	

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Total Attachments: 1

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PATENT REEL: 017036 FRAME: 0059

License to the United States Government

Sign and Fax this to (301) 480-0272

Invention Title: O	ptical fumping with Holographic Optical tweezers
Inventor(s): DAV	11D Grier, Sven Behrens
	te: 8/a9/a003 - 1/25/a005
Patent or Application	n Serial No.: 10[651, 370 - 6,847,032
Grant/Contract Numi	ber(s): NSF 9730189, 9808595
Foreign Applications	s filed/intended in (countries):
mat to the state of	Find above is a Subject Invention under 25 U.S.C. 200, at sea, and the Standard Detent Dights

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

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- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this de	ay of <u>December</u> , 2005.
By: Alan Thomas	(Signature)
Title: Director, UCTech	
For: The University of Chicago (Grantee/Contractor Organization)	

At: The University of Chicago, OTIP, 5555 S. Woodlawn, Suite 300, Chicago, IL 60637, US

PATENT REEL: 017036 FRAME: 0060

RECORDED: 01/19/2006