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Form PTO-1595 F (Rev. 03/01)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002) 1 Q2264	¹ 283 ▼ ▼ ▼
Tab settings ⇔ ⇔ ⇔ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies)
Massachusetts Institute of Technology	Name: National Science Foundation
10-25-02	Internal Address: Office of the General Counsel
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Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance:	
Assignment Merger	Street Address: 4201 Wilson Boulevard
Security Agreement Change of Name	54,554,446,555.
Other_Confirmatory License	
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Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s) 08/571,523	B. Patent No.(s)
A. Patent Application No.(9)	
Additional numbers attached? Yes No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	
Name: Robin Clay Fritsch	7. Total fee (37 CFR 3.41)\$\$
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Robin Clay Fritsch	M 17 2002
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WHEREAS, Marc M. Wefers et al have invented "Generation and Applications of Multidimensional Shaped Ultrafast Optical Waveforms" and filed a patent application thereon in the United States, entitled "Method and Device for Generating Spatially and Temporally Shaped Optical Waveforms" and bearing Serial Number 08/571,523 and filing date December 13, 1995; and

WHEREAS, invention was made in the course of research supported by the National Science Foundation under N.S.F. Grant CHE-9404548; and

WHEREAS, the United States Government is entitled to certain rights in and to said invention and application by reason of the terms relating to such support; and

WHEREAS, the Massachusetts Institute of Technology, hereinafter called the "Licensor" has acquired by assignment from the inventors the entire right, title and interest of the inventors to such invention;

NOW, THEREFORE:

- 1. The Licensor, in consideration of the premised and other good and valuable consideration, hereby grants and conveys to the United States Government a non-exclusive, non-transferable, paid-up license to make, use and sell the invention throughout the world by or on behalf of the Government of the United States and states and domestic municipal governments under the aforesaid patent application and any and all divisions or continuations, and in any and all patents or reissues which may be granted thereon during the full term or terms thereof.
- 2. The Licensor covenants and warrants that he has the right to grant the foregoing license, and that any assignment or license which he may make of the invention or the said patent application or patents thereon, shall expressly be make subject to this license.
- 3. The Licensor agrees that the Government shall not be estopped at any time to contest the enforceability, validity, scope of or title to any patent or patent application herein licensed.
- 4. This License shall not limit the rights reserved to the Government under the contract(s), grant(s), or other arrangement(s) under which said invention was made.

Signed this <u>S</u> day of July, 1997.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Jarmila Z. Hrbek

Patent Administrator/Office Manager

Accepted for the benefit of the Government this July 7, 1997. 2/15/02

Patent Paralegal

NATIONAL SCIENCE FOUNDATION

PATENT RECORDED: 10/25/2002 REEL: 013418 FRAME: 0839