

Substitute Form PTO-1595
Attorney Docket No.: 01997-336001
Client's Ref. No.: MIT Case No. 10831

11-18-2005

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Thomas Feurer, Darius H. Torchinsky and Keith A. Nelson Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, Massachusetts 02142-1324 United States of America Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: Thomas Feurer 07/21/2005 Darius H. Torchinsky 07/11/2005 Keith A. Nelson 07/20/2005	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 11/155,011 B: Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: MARC M. WEFERS, PH.D., J.D. Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. <i>Charge 40.00</i> 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Marc M. Wefers Reg. No. 56,842 Name of Person Signing Signature October 7, 2005 Date	
Total number of pages including coversheet, attachments and document: 5	

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CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

October 7, 2005		Cheryl A. Caron
Date of Transmission	Signature	Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, Thomas Feurer, of ExWi – IAP, Sidlerstrasse 5, Ch-3012 Bern, Switzerland; Darius H. Torchinsky, of 144 Willow Ave., #2, Somerville, MA 02144; Keith A. Nelson, of 68 Sevlard Road, Newton, MA 02459, hereby assign to MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue

Cambridge, Massachusetts 02142-1324

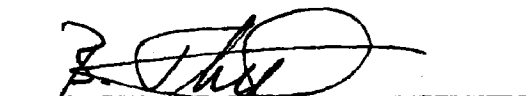
United States of America, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ACCELERATION OF CHARGED PARTICLES USING SPATIALLY AND TEMPORALLY SHAPED ELECTROMAGNETIC RADIATION, filed June 16, 2005, and assigned U.S. Serial Number 11/155,011, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Attorney Docket No. 997-336001 MIT Case No. 10831

DATE: 21/07/2005



THOMAS FEURER



Witness:

21/07/2005

Date:



Witness:

UNIVERSITY OF BERNE
INSTITUTE OF APPLIED PHYSICS
SIDLERSTRASSE 5
3012 BERNE SWITZERLAND

21/07/2005


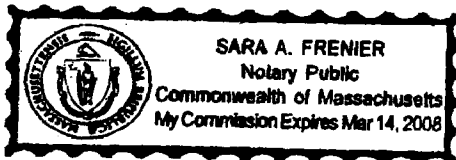
Date:

Attorney Docket No. 997-336001 MIT Case No. 10831

DATE: July 11, 2005
DARIUS H. TORCHINSKYSTATE OF Massachusetts)
COUNTY OF Middlesex) SS.

On July 11, 2005, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared DARIUS H. TORCHINSKY personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.


Notary Public

Attorney Docket No. 97-336001 MIT Case No. 10831

DATE: 7-20-05Keith Nelson
KEITH A. NELSONSTATE OF Massachusetts)
COUNTY OF Middlesex) SS.

On July 20, 2005, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared KEITH A. NELSON personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Charles T. Munger
Notary PublicCHARLES T. MUNGER
Notary Public
My Commission Expires
December 2, 2005

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Assignment Page 4 of 4

RECORDED: 11/17/2005

PATENT
REEL: 016797 FRAME: 0171