Substitute Form PTO-1595 Attorney Docket No.: 13681-002001

PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
Name of conveying party(ies):	2. Name and address of receiving party(les):
Fritz H. Bach	Beth Israel Deaconess Medical Center, Inc.
Additional name(s) attached? ☐ Yes ☒ No	330 Brookline Avenue Boston, Massachusetts 02215
3. Nature of conveyance:	
☑ Assignment	United States of America
☐ Merger ☐ Security Agreement	
☐ Change of Name ☐ Other:	
Execution Date: 03/04/2004	Additional names/addresses attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):	<u> </u>
If this document is being filed with a new application, the execution date of the application is:	
A. Patent Application No(s).:	B: Patent No(s).:
10/177,930	
Additional numbers attached? ☐ Yes ▣ No	
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1
Fish & Richardson P.C.	7. Total fee (37 CFR §3.41): \$40
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Todd E. Garcia, Ph.D.	7/16/05
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REEL: 016499 FRAME: 0214

Attorney Docket No: 13681-002001/

ASSIGNMENT

For valuable consideration, I, FRITZ H. BACH of 8 Blossom Lane, Manchester-by-thesea, Massachusetts 01944, United States of America. hereby assign to: Beth Israel Deaconess Medical Center, Inc., a corporation of Massachusetts having a place of business at: 330 Brookline Avenue, Boston, Massachusetts 02215, 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 me, entitled <u>CARBON MONOXIDE IMPROVES OUTCOMES</u> IN TISSUE AND ORGAN TRANSPLANTS AND SUPPRESSES APOPTOSIS, filed June 21, 2002, and assigned U.S. Serial Number 10/177,930; 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 I authorize the Assignee to apply in all countries in my 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 I agree for me and my 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.

> PATENT REEL: 016499 FRAME: 0215

Attorney Docket No: 13681-002001/

IN WITNESS WHEREOF, I hereto set my hand and seal at
his
FRITZ H. BACH
State of Massachus ells
County of <u>ESSEX</u> :
Before me this 4th day of March, 2004, personally appeared
RITZ H. BACH known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.
Notary Public
My Commission Expires:
Notary's Seal Here] Ketherine M. Ahean Z Z Reg Commission Expires

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RECORDED: 07/06/2005

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