FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 09-22-1999



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U.S. Department of Commerce Patent and Trademark Office

PATENT

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Address (line 1) 6705 Rockledge Drive	of a domestic representative is attached. (Designation must be a					
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•		BAWH4599
FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Addre	ss Area Code and Telephone Numl	oer 301-435-1986-WARF3
Name National Institu	ites of Health, The	
Address (line 1) Extramural Inven	tions Office, The	
Address (line 2) 6705 Rockledge D	Drive, Suite 1040	
Address (line 3) MSC 7980		
Address (line 4) Bethesda, Maryl	land / USA 20892-7980	
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Application Number(s) or Patent	Number(s)	ark if additional numbers attached
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Patent Application Number(	s) P	atent Number(s)
08717815 60115055	60081638	
07683415 07804665	08704473	
If this document is being filed together with a <u>new</u> signed by the first named executing inventor.	v Patent Application, enter the date the patent app	Dication was Month Day Year
Patent Cooperation Treaty (PCT)		
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Number of Properties  Enter th	ne total number of properties involved.	# 6
Fee Amount Fee Amo	ount for Properties Listed (37 CFR 3.41	1): \$
Method of Payment: Deposit Account	Enclosed Deposit Account	
	if additional fees can be charged to the account.) Deposit Account Number:	#
	Authorization to charge additional fees	S: Yes No X

Statement and Signature

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. Charges to deposit account are authorized, as

indicated herein.

Belen Awetahegne		8/23/99
Name of Person Signing	<b>∕</b> Signature	Date

Application Title: Cultured Cell-Seeded Fibrous Lattice for Tissue Replacement

Inventor(s): Charles E. Butler and Dennis P. Orgill

Patent Application Serial No.: 08/717,815

U.S. Filing: September 24, 1996

Foreign applications intended in (countries): US, CA, EPO, JP

Grant/Contract Identification Number: GM07560-17 and 5RO1GM50143

The invention identified above is a Subject Invention under U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 42.227-11, which are included among the terms of the above-identified grant/contract award from the Public Health Service/National Institutes of Health. This document is confirmatory of:

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Bv:

Name: Brian N. Hicks

Title: Director, Corporate Sponsored Research and Licensing

For: Brigham and Women's Hospital

At: 75 Francis Street

Boston, MA 02115 Phone: 617-525-6010 Fax: 617-525-6011

3

Application Title: Methods and Compositions for Modulating Cytokine Release by Alpha E Beta 7 Expressing Cells

Inventor(s): Michelle Woldemar Carr, Anu Arya, Christina M. Parker and Michael Brenner

Patent Application Serial No.: 60/115,055

U.S. Filing: January 8, 1999

Foreign applications intended in (countries): US, CA, EPO, JP

Grant/Contract Identification Number: RO1 AI 28578 and RO1 DK 52978-01

The invention identified above is a Subject Invention under U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 42.227-11, which are included among the terms of the above-identified grant/contract award from the Public Health Service/National Institutes of Health. This document is confirmatory of:

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PATENT REEL: 010242 FRAME: 0841

Application Title: Immunogenic Complex Containing A CD1-Presented Antigen

Inventor(s): Kenji Hiromatsu, Christopher C. Dascher, Michael Brenner and Steven A. Porcelli

Patent Application Serial No.: 60/081,638

U.S. Filing: April 13, 1998

Foreign applications intended in (countries): US, CA, EPO, JP

Grant/Contract Identification Number: R01 AI40135

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Application Title: Nitroslated Homocysteine As An Antithronbotic Cytoprotective

Inventor(s): Joseph Loscalzo and Jonathan Stamler

Patent Application Serial No.: 07/683,415

U.S. Filing: April 10, 1991

Foreign applications intended in (countries): US, CA, EPO, JP

Grant/Contract Identification Number: R01-HL40411, R01-HL43344 and R01-R04870

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> > 3

Application Title: S-Nitrosothiols as Smooth Muscle Relaxants and Theraputic Uses Thereof

Inventor(s): Joseph Loscalzo, Edward M. Brown, Jeffrey Drazen, Daniel I. Simon, Adam Slivka and Jonathan Stamler

Patent Application Serial No.: 07/804,665

U.S. Filing: March 29, 1991

Foreign applications intended in (countries): US, CA, EPO, JP

Grant/Contract Identification Number: R01-HL40411, R01-HL43344 and R01-R04870

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PATENT REEL: 010242 FRAME: 0844

Application Title: Methods and Compositions for the Treatment of Bone Resorption Disorders, Including Osteoporosis

Inventor(s): Harold A. Chapman

Patent Application Serial No.: 08/704,473

U.S. Filing: August 28, 1996

Foreign applications intended in (countries): US, CA, EPO, JP

Grant/Contract Identification Number: R01 HL44816

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RECORDED: 09/20/1999

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PATENT REEL: 010242 FRAME: 0845