FORM PTO-1619A Expires 06/30/99 OMB 0651-00 7 09-13-1999



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FORM PTO-1619B Expires 06/30/99	Page 2	LSJU73099 U.S. Department of Commerce Patent and Trademark Office
OMB 0651-0027		PATENT
Correspondent Name and A	Address Area Code and Telephone N	umber 301-435-1986
Name National Ins	stitutes of Health, The	
Address (line 1) Extramural I	Inventions Office, The	
Address (line 2) 6705 Rockled	dge Drive, Suite 1040	
Address (line 3) MSC 7980		
Address (line 4) Bethesda, N	Maryland / USA 20892-7980	
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	5 05512025	
09312027		
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(Enter for payment by deposit account or if additional fees can be charged to the account.) **Deposit Account Number:** No X Authorization to charge additional fees: Yes 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 Date Signature

Invention Title:

Mycobacterium tuberculosis and BCG Vaccine

Inventor(s):

Behr, Marcel A.

Patent or Application Serial No:

09/318191

U.S. Filing / Issue Date:

5/25/99

Agency:

National Institutes of Health

Grant / Contract

NIH A101137, A135969

Grantee / Contractor File #

S98-137

Foreign Applications

None

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 of FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the above agency. This document is confirmatory of:

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Signed this 30th day of July, 1999

By:

(Katharine Ku, Director, Office of Technology Licensing)

For: The Board of Trustees of the Leland Stanford Junior University

900 Welch Road, Suite 350, Palo Alto, California 94305-1850

SEAL

REEL: 010220 FRAME: 0239

Invention Title:

Magnetic Resonance Imaging Using Off-Centered Spiral

Trajectories

Inventor(s):

Man, Lai-Chee

Patent or Application Serial No: 09/312029

U.S. Filing / Issue Date:

5/14/99

Agency:

National Institutes of Health

Grant / Contract

NIH HL56394

Grantee / Contractor File #

S99-078

Foreign Applications

None

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 of FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the above agency. This document is confirmatory of:

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For: The Board of Trustees of the Leland Stanford Junior University

900 Welch Road, Suite 350, Palo Alto, California 94305-1850

SEAL

REEL: 010220 FRAME: 0240

Invention Title:

Linear Combination Steady-State Free Precession MRI

Inventor(s): Nishimura, Dwight

Patent or Application Serial No: 09/312025

U.S. Filing / Issue Date:

5/14/99

Agency:

National Institutes of Health

Grant / Contract

NIH 1RO1HL56394

Grantee / Contractor File #

S98-236

Foreign Applications

None

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By:

(Katharine Ku, Director, Office of Technology Licensing)

For: The Board of Trustees of the Leland Stanford Junior University

At:

900 Welch Road, Suite 350, Palo Alto, California 94305-1850

SEAL

REEL: 010220 FRAME: 0241

Invention Title: A Reduced Field-of View Method to Increase Temporal Resolution

or Reduce Scan Time in CINE Magnetic Resonance Imaging

Inventor(s): Madore, Bruno

Patent or Application Serial No: 09/312027

U.S. Filing / Issue Date: 5/14/99

Agency: National Institutes of Health

Grant / Contract NIH P41 RR09784-04

Grantee / Contractor File # S98-222

Foreign Applications None

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Signed this 30th day of July, 1999

By:

(Katharine Ku, Director, Office of Technology Licensing)

For: The Board of Trustees of the Leland Stanford Junior University

At: 900 Welch Road, Suite 350, Palo Alto, California 94305-1850

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PATENT REEL: 010220 FRAME: 0242

RECORDED: 09/10/1999