

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
COLUMBIA UNIV NEW YORK MORNINGSIDE	08/23/2011
RECEIVING PARTY DATA	
Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20892-7980
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	08320255
CORRESPONDENCE DATA	
Fax Number:	(301)480-0272
Email:	edison@nih.gov
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Director, DEITR
Address Line 1:	NIH, 6705 Rockledge Drive, Suite 310
Address Line 2:	MSC 7980
Address Line 4:	Bethesda, MARYLAND 20892-7980
NAME OF SUBMITTER:	Director, DEITR, NIH
Total Attachments: 1 source=08320255,LAB,10-24-2011#page1.tif	

MS94/01/20

License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: A Rapidly Convergent Method for Boltzmann-weighted Ensemble Generation in Free Energy Simulations

Inventor(s): Frank Guarnieri, Hancock Senderowitz, W. Clark Still

U.S. Filing/Issue Date: 10/07/1994

Patent or Application Serial No.: 081320,255

Grant/Contract Number(s): EP006892, 9208254

Foreign Applications filed/intended in (countries): _____

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, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world, and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 23 day of Aug, 2011.

By _____ (Institutional Business Official) _____ (Signature) Scott G. Hamilton
 Title _____ Senior Director
 Columbia Technology Ventures

For COLUMBIA UNIV NEW YORK MORNINGSID
(Grantee/Contractor Organization)

At 412 Low Library MC 4308 535 W 116th St New York, NY 10027 US
(Business Address)