PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Behrouz Farhang-Boroujeny	07/08/2008
Salam Akoum	07/08/2008

RECEIVING PARTY DATA

Name:	University of Utah	
Street Address:	615 Arapeen Drive	
City:	Salt Lake City	
State/Country:	UTAH	
Postal Code:	84108	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12172771	

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 2: Suite 1800

Address Line 4: Salt Lake City, UTAH 84111

ATTORNEY DOCKET NUMBER:	15750.22 (U-4438)
NAME OF SUBMITTER:	William T. Ralston

Total Attachments: 1

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REEL: 021247 FRAME: 0817

PATENT

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to University of Utah, having a place of business at 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1.	("SUBJECT MATTER Patent entitled: <u>Estimate</u>	R") that are disclosed in the app	all inventions and improvements plication for United States Letters Constrained Markov-Chain Monte
("APP	Carlo Simulation PLICATION"), which:		
(• • • •	is to be filed h	erewith (attorney docket no. <u>U-4</u>	
•		, now bearing U.S. Seria ted by INVENTOR on the date(s	l No and for which a) below; and
2.	(a) the APPLICATION substitute, renewal, re filed in the United Sta	issue, and other related applicat	y; (b) any divisional, continuation tions which have been or may be and (c) any patents which may be e.
INVEN in ASSIGNEE		GNEE may apply for and receive	e patents for SUBJECT MATTER
order to carry applications, an interests herein MATTER; and maintaining, as vesting in ASS provide any su	out the intent of this As and other papers necessar conveyed; (2) commutation (3) generally do all land enforcing worldwide SIGNEE the rights, title	ssignment: (1) execute all oaths, ry or desirable to fully secure to micate to ASSIGNEE all know awful acts that ASSIGNEE shale patent protection relating to es, and interests herein conveyer	without further consideration, in assignments, powers of attorney, assignments, powers of attorney, and ASSIGNEE the rights, titles and n facts relating to the SUBJECT II consider desirable for securing, the SUBJECT MATTER and for d. INVENTOR further agrees to with the benefits and assistance
herein, and co	venants with ASSIGN	EE that the INVENTOR has	nd interests to convey as set forth made or will make hereafter no rights, titles, and interests herein
		ted in one or more counterparts, together as one and the same Ass	each of which shall be deemed an ignment.
Name & Signat	ure	Date of Signature	Execution Date of Declaration
Behrouz Farhar	ng-Boroujeny	7/08/08	We have
Salam Akoum	<u>> </u>	7/08/08	

PATENT REEL: 021247 FRAME: 0818

RECORDED: 07/16/2008