#### 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 University New York Morningside	03/25/2011

#### **RECEIVING PARTY DATA**

Name:	National Science Foundation	
Street Address:	4201 Wilson Blvd	
Internal Address:	Room 1265	
City:	Arlington	
State/Country:	VIRGINIA	
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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12864438

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Total Attachments: 1 source=510#page1.tif

PATENT REEL: 026341 FRAME: 0118

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1108-054

Invention Title: A distributed belief propagation alg	orithm for efficient and exact solutions
of generalized matching problems and auctions	
inventor(s): Tony Jebara, Bert Huang	
U.S. Filing/Issue Date: \\\\/03/(0)	
Patent or Application Serial No.: 12/864, 438	
Grant/Contract Number(s): 0347499	
Foreign Applications filed/intended in (countries):	
The invention identified above is a Subject Invention under 35 U. at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applic identified grant or contract award from the United State Govern 1. The nonexclusive, nontransferable, irrevocable, paid-up lice United States the invention described in any patent applic continuations in part, and in any and all patents and resistant acquired by the Government by reason of the regulations that are applicable to the award.  The Government is hereby granted an irrevocable power to in application.	able) which are included among the terms of the above inment. This document is confirmatory of: ense to practice or have practiced for or on behalf of the cation and in any and all divisions, continuations, and ssues granted thereon throughout the world; and e above identified grant/contract award and the laws and
Signed this <u>AS</u> day of <u>Mr/</u>	,20 1
By	a.l
(Institutional Business Official) Title	(Signature) Scot G Hamilton Senior Director Columbia Technology Ventures
For COLUMBIA UNIV NEW YORK MORNINGSIDE	
(Grantee/Contractor Organization)	
At 412 Low Library MC 4308 535 W 116th St New Yor (Business Address)	k, NY 18027 US

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