#### PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

#### **CONVEYING PARTY DATA**

Name	Execution Date
Massachusetts Institute of Technology	01/26/2011

#### **RECEIVING PARTY DATA**

Name:	National Science Foundation
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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12549725

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Total Attachments: 1 source=13#page1.tif

PATENT 501548380 REEL: 026360 FRAME: 0273

#### LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confers to the United States Government, as represented by the Department of Health and Human Services, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention, patent application and any and all divisions or continuations, and any resulting patent or reissues which may be granted thereon:

M.I.T. Case No.: 13398

Invention Title: Random Linear Network Coding in Time Division Duplexing Settings

Inventor(s): Daniel Enrique. Lucani, Muriel Medard and Milica Stojanovic

Serial No.: 12/549725

Filing Date: 8/28/2009

Patent No.:

Issue Date:

Title: Random Linear Network Coding For Time Division Duplexing

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, Grant Numbers OCE0520075, ATM0427502, and CNS0627021 awarded by the National Science Foundation, and Grant Number N66001-06-C-2020, awarded by the Navy.

Principal rights to this subject invention have been left with the Licensor: MASSACHUSETTS INSTITUTE OF TECHNOLOGY, subject to the provisions of 37 CFR 401 and 45 CFR 8.

Signed this 26<sup>th</sup> day of January, 2011.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By Folande Johndes

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Patent Compliance Administrator

Technology Licensing Office

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PATENT REEL: 026360 FRAME: 0274

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