# 502889782 07/14/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2936379

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

#### **CONVEYING PARTY DATA**

Name	Execution Date
COLUMBIA UNIV NEW YORK MORNINGSIDE	05/14/2014

## **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14119846

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**Total Attachments: 1** 

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PATENT 502889782 REEL: 033309 FRAME: 0942

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in (Edipon), invention Title: DNA occurrating by synthesis using modified nucleofide reversible terminators and Raman detection inventor(s): Steffen Jockusch, Jinggoe Ju, Zengmin Il, James J. Busso, Nicholas Turro, Jian wu, Lin Yo U.S. Filling/Issue Date: Patent or Application Serial No.: Grant/Contract Number(s): 80003582, 80005109 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: The nonexclusive, nontraneferable, 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. (Institutional Business Official) (Signature) Scot G. Hamilton ..... Senor Director Columbia Technology Ventures For Columbia, Daty NSW YORK MORNINGSTOR (Grantee/Contractor Organization)

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