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PATENT ASSIGNMENT COVER SHEET

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Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14345299

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison), invention Title Ex Vivo Activation and Expansion of Human T Cell Subsets Using Biocompatible Solid Substrates with Tunable Rigidity inventor(s): Lance Ram, Reque Shen, Michael Milone, Roderick O'Conner, Yueli Sao, Geraldine Goebrecht. U.S. Filing/issue Date: 09/06/2012 Patent or Application Serial No.: 14/345, 299 Grant/Contract Number(s): BY016586 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 States Government. This document is confirmatory of: 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 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 ______day of ______ (Institutional Business Official) (Signature) Scot'd Hamilton Senior Director Title Columbia Technology Ventures For COLUMBIA UNIV NEW YORK MORNINGSICE (Grantee/Contractor Organization) AL412 Low Library MC 4308 535 W 116th St New York, NY 10027 (Business Address)

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