PATENT ASSIGNMENT

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CONVEYING PARTY DATA

Name	Execution Date
Columbia University New York Morningside	08/12/2011

RECEIVING PARTY DATA

Name:	National Science Foundation	
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City:	Arlington	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13048957

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PATENT REEL: 026781 FRAME: 0067

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RECORDED: 08/19/2011

Sign and submit the executed document to the appropriate funding agency (e.g. upload in (Edison) invention Title: Formation of nanoscale carbon nanotube electrodes using a self-aligned nanogap mask Inventor(s) Shalom Wind, James Hone, Jinyao Tang, Yayao Shan U.S. Filing/Issue Date. Patent or Application Serial No.: 13/048, 957 Grant/Contract Number(s): 0641523 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, 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. (Institutional Business Official) (Signature) Scot G. Hamilton Title Senior Director Columbia Technology Ventures For COLUMBIA UNIV NEW YORK MORNINGSIDE (Grantee/Contractor Organization) At 412 Low Library NC 4308 535 W lieth St New York, NY 10027 US

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