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Manuscript title: Fabrication of low temperature carbon nanotube vertical interconnects compatible with semiconductor technology

Dear Paul Yao,

Thank you for the invitation for submitting a manuscript to JoVE. We feel that the unique way of publishing of JoVE can enable other researchers with fabricating test structures using carbon nanotubes. From my experience with other researchers in the field, for many of them the pathway to successfully fabricating measurable structures using microfabrication is often unclear. Our protocol provides an straightforward approach to carbon nanotube integration and characterisation which can be useful for many applications using micro-fabrication and micro-electronics.

The manuscript has been written by Sten Vollebregt, and all the experiments have been performed by him. Ryoichi Ishihara supervised the project and checked the manuscript.

Below you find a list of suggested referees which are currently working on, or have been working on, carbon nanotube interconnects, and can be considered experts of the field. We do not have any referees we would like to exclude from the review procedure:

- Prof. dr. John Robertson, Department of Engineering, Cambridge University, UK, jr214@cam.ac.uk
- Dr. Azad Naeemi, School of Electrical and Computer Engineering, Georgia Institute of Technology, USA, azad@gatech.edu
- Prof. dr. Yuji Awano, Keio University, Japan, awano@elec.keio.ac.jp
- Prof. dr. Stefan De Gendt, IMEC, Chemical Department, Catholic University Leuven, Belgium, stefan.degendt@chem.kuleuven.be
- Dr. Santiago Esconjauregui, Department of Engineering, Cambridge University, UK, cse28@cam.ac.uk
- Prof.dr. Philippe Vereecken, IMEC, Department of Microbial and Molecular Systems, Catholic University Leuven, Belgium, philippe.vereecken@biw.kuleuven.be

If anything is unclear feel free to contact me any time.

On behalf of the authors,

Yours sincerely,



Sten Vollebregt, PhD