502725153 03/17/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAHUL RAO	03/17/2014
AVETIK R HARUTYUNYAN	03/17/2014

RECEIVING PARTY DATA

Name:	HONDA MOTOR CO., LTD.	
Street Address:	NO. 1-1, MINAMI-AOYAMA 2-CHOME	
Internal Address:	MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	107-8556	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14216088

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ATTORNEY DOCKET NUMBER:	053-0176R	
NAME OF SUBMITTER:	SAMUEL P. BURKHOLDER	
SIGNATURE:	/Samuel P. Burkholder/	
DATE SIGNED:	03/17/2014	

Total Attachments: 2

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PATENT 502725153 REEL: 032455 FRAME: 0868

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD FOR GROWTH OF VERTICALLY ALIGNED CARBON NANOTUBES ON DIAMOND FILM

for which I/WE filed an application for United States Letters Patent on March 17, 2014, as Application No. 14/216,088 and

WHEREAS <u>Honda Motor Co., Ltd.</u>, a corporation of <u>Japan</u>, whose post office address is <u>No. 1-1, Minami-Aoyama 2-chome</u>, <u>Minato-ku. Tokyo, Japan</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

THE undersigned hereby grant(s) the practitioners associated with U.S. Patent and Trademark Office Customer Number 66143, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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ATTORNEY DOCKET NO.: 053-0176R SOLE/JOINT INVENTION (Worldwide Rights) Page 2 of 2

County of	Avetik R. HARUTYUNYAN Full Name of Sole or Second Assignor
State ofSs.	A Salvinos
Subscribed and sworn to before me	Assistante Simustres
this day of , 2014	
	/ Date/

PATENT REEL: 032455 FRAME: 0870

RECORDED: 03/17/2014