

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Allan J. Volponi</td> <td>08/02/2007</td> </tr> <tr> <td>Ravi Rajamani</td> <td>08/02/2007</td> </tr> <tr> <td>Dr. Frederick A. Just-Agosto</td> <td>08/07/2007</td> </tr> <tr> <td>Dr. David Serrano</td> <td>08/07/2007</td> </tr> </tbody> </table>		Name	Execution Date	Allan J. Volponi	08/02/2007	Ravi Rajamani	08/02/2007	Dr. Frederick A. Just-Agosto	08/07/2007	Dr. David Serrano	08/07/2007
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Ravi Rajamani	08/02/2007										
Dr. Frederick A. Just-Agosto	08/07/2007										
Dr. David Serrano	08/07/2007										
RECEIVING PARTY DATA											
Name:	United Technologies Corp.										
Street Address:	1 Financial Plaza										
City:	Hartford										
State/Country:	CONNECTICUT										
Postal Code:	06101										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11843193</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11843193						
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Application Number:	11843193										
CORRESPONDENCE DATA											
Fax Number:	(770)951-0933										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	denyse.jackson@tkhr.com										
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ATTORNEY DOCKET NUMBER:	761601-1260										
NAME OF SUBMITTER:	M. Paul Qualey, Jr.										
Total Attachments: 4											

CH \$40.00 11843193

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**PATENT
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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Allan J. Volponi	175 West Mountain Road West Simsbury, CT 06092
Ravi Rajamani	71 Brainard Road West Hartford, CT 06117
Dr. Frederick A. Just-Agosto	P.O. Box 9045 Mayaguez, PR 00681-9045
Dr. David Serrano	P.O. Box 9045 Mayaguez, PR 00681-9045

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

SYSTEMS AND METHODS INVOLVING ENGINE MODELS

which was:

- executed on even date herewith,
 filed with the United States Patent and Trademark Office (USPTO) on _____, _____, and assigned Serial No. _____, and
 further described in U.S. Provisional application entitled _____, filed with the USPTO on _____, and assigned Serial No. _____.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, United Technologies Corp., having a place of business at 400 Main Street, East Hartford, CT 06108, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

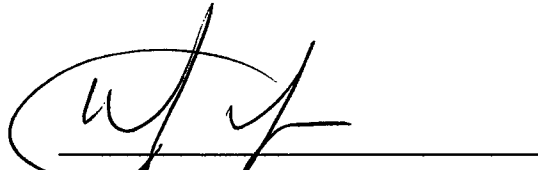
ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

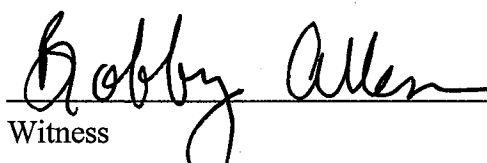
ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.


Allan J. Volponi

Date: 8/3/07


Witness

Date: 8/2/07

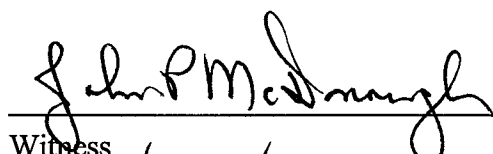

Bobby Allen
Witness

Date: 8/2/07

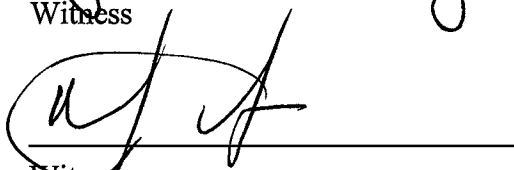


Ravi Rajamani

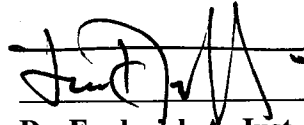
Date: 8/2/07


John P. McDonough
Witness

Date: 8/2/07

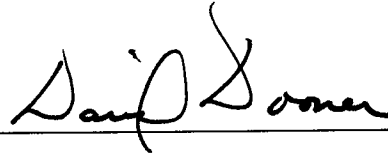

Witness

Date: 8/2/07



Dr. Frederick A. Just-Agosto

Date: Aug/07/2007



Witness

Date: 7/Aug/2007



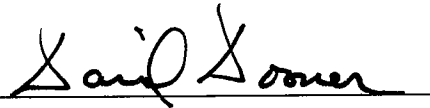
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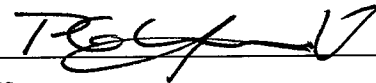
Dr. David Serrano

Date: 8/7/07



Witness

Date: 7/Aug/2007



Witness

Date: 7/Aug/2007