

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kim R Fowler</td><td>08/11/2006</td></tr><tr><td>Leo R Gauthier Jr.</td><td>08/15/2006</td></tr></tbody></table>	Name	Execution Date	Kim R Fowler	08/11/2006	Leo R Gauthier Jr.	08/15/2006	
Name	Execution Date						
Kim R Fowler	08/11/2006						
Leo R Gauthier Jr.	08/15/2006						
RECEIVING PARTY DATA							
Name:	The Johns Hopkins University						
Street Address:	34th & Charles Streets						
City:	Baltimore						
State/Country:	MARYLAND						
Postal Code:	21218						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11478984</td></tr></tbody></table>	Property Type	Number	Application Number:	11478984			
Property Type	Number						
Application Number:	11478984						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Francis A. Cooch						
Total Attachments: 3 source=2224SPL assgmt#page1.tif source=2224SPL assgmt#page2.tif							

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PATENT
REEL: 018143 FRAME: 0484

ASSIGNMENT

WHEREAS, Kim R. Fowler and Leo R. Gauthier, Jr., hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application number 11/478,984, filed on June 30, 2006, entitled Sensor Elements for Supercavitating Vehicles, and

WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire an interest therein;

NOW, THEREFORE, in consideration of their employment by ASSIGNEE, the ASSIGNORS do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and possessions and in all foreign countries and the entire right, title and interest in and to said international application and any substitutions, divisions, continuations, or continuations-in-part based upon said application, and in and to any and all Letters Patent, whether original or reissue, which may be granted for said invention in the United States and its territories and possessions and in any and all foreign countries, the invention, said patent application, and any and all such patents to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its legal representatives as fully and entirely as the same would have been held by the ASSIGNORS had this agreement not been made.

THE ASSIGNORS here further agree to make, execute, and deliver to the ASSIGNEE, its successors, assigns, and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any substitutions, divisions, continuations, or continuations-in-part of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns, and legal representatives in every way in protecting the said invention as may be requested, provided, however that they shall not have to pay any expenses arising from extending such assistance.

THE ASSIGNORS hereby covenant that they have the right to grant the foregoing assignment.

Kim Fowler SEAL 8/11/06 DATE
Kim R. Fowler

STATE OF MARYLAND)
COUNTY OF Anne Arundel)

On this 17th day of August, 2006, before me, the undersigned officer, personally appeared the above-named Kim R. Fowler, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.



Kathleen A. Asher
Signature
Kathleen A. Asher
Printed Name

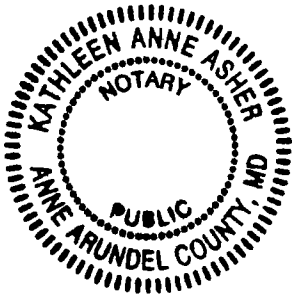
Notary Public
My Commission expires 06/09/2010

Leo R. Gauthier, Jr. SEAL 8/15/2006 DATE
Leo R. Gauthier, Jr.

STATE OF MARYLAND)
COUNTY OF Anne Arundel)

On this 15th day of August, 2006, before me, the undersigned officer, personally appeared the above-named Leo R. Gauthier, Jr., known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.



Kathleen A. Asher
Signature
KATHLEEN A. ASHER
Printed Name

Notary Public
My Commission expires 6/09/2010