PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Leslie Mobley	03/02/2004	
Patrick A. Ferat	03/08/2004	
Juan I. Arvelo	03/02/2004	

RECEIVING PARTY DATA

Name:	The Johns Hopkins Univeristy
Street Address:	34th & Charles Streets
City:	Baltimore
State/Country:	MARYLAND
Postal Code:	21218

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10544747

CORRESPONDENCE DATA

Fax Number: (240)228-5644

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 240-228-5632

Email: lydia.henry@jhuapl.edu

Correspondent Name: Benjamin Y. Roca

Address Line 1: 34th & Charles Streets

Address Line 4: Baltimore, MARYLAND 21218

NAME OF SUBMITTER: Benjamin Y. Roca

Total Attachments: 3

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> PATENT REEL: 016552 FRAME: 0394

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ASSIGNMENT

WHEREAS, Juan I. Arvelo, Patrick A Ferat, and Leslie Mobley, hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application entitled:

Method and Apparatus for High-frequency Passive Sonar Performance Prediction

which application was executed by them on Much 2, 2004, Mach 8, 2004,

Man do 2, 2004, respectively, 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 his 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.

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

	Juan I. Arvelo SEAL 3/2/04 DATE
STATE OF MARYLAND COUNTY OF HOWARD	<u> </u>
the above-hamed Juan I. Aivelo, i	known to me or satisfactorily proven to be the person whose name is nt and acknowledged that he executed the same for the purpose therein
AUBLIC PUBLIC PU	CAROL LYNN SWINNEY Printed Name Notary Public My Commission expires 10-22-2007
	Patrick A. Ferat SEAL 3/8/04 DATE
the above-named Patrick A. Féra	1 , 2004, before me, the undersigned officer, personally appeared t, known to me or satisfactorily proven to be the person whose name is
contained.	ent and acknowledged that he executed the same for the purpose therein
In witness hereof I hereu LYNN S NOTAR AUBLIC AUBLIC COUNT NOTAR COUNT NOTAR AUBLIC COUNT NOTAR AU	Signature CHUL LYNN SWINNEY Printed Name
William CONVININ	Notary Public My Commission expires 10 - 22 - 2007

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Leslie Mobley	SEAL	3/2/04	_DATE
Leslie Mobley		,	

STATE OF MARYLAND
COUNTY OF HOWARD

On this 2 day of Mach, 2004, before me, the undersigned officer, personally appeared the above-named Leslie Mobley, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that she executed the same for the purpose therein

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

NOTARY OS THE MANUAL PROPERTY OF THE PROPERTY

contained.

CAROL LYNN SUITNWEY

Notary Public

My Commission expires 10-22-2007

PATENT

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RECORDED: 09/19/2005