12-15-2000 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) SHEET (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 11.34.00 101552746 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Robert S. Bokulic, Cliff E. Willey, William E. Skullney and Ronald C. Schulze Name: THE JOHNS HOPKINS UNIVERSITY Internal Address: ☐ Yes 🏻 No Additional names(s) of conveying party(ies) Nature of conveyance: Street Address: 34th and Charles Streets ☐ Merger ★ Assignment ☐ Change of Name ☐ Security Agreement ____ State: MD ZIP: 21218 City: Baltimore ☐ Other Execution Date: 10/9/00; 10/11/00; 10/24/00 and 11/3/00, respectively 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 9/20/00 09/666,417 ☐ Yes 🛛 No Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Carla Magda Krivak 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: THE JOHNS HOPKINS UNIVERSITY □ Enclosed - Any excess or insufficiency should be credited or debited to deposit account **Applied Physics Laboratory** Authorized to be charged to deposit account Street Address: 11100 Johns Hopkins Road 8. Deposit account number: 01-2218 State: MD ZIP: 20723-6099 City: Laurel DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and sprrect and any attached copy is a true copy of the original document. Carla Magda Krivak
Registration No. 30,956
Name of Person Signing Date Signature Total number of pages including cover sheet, attachments, and document

REEL: 011331 FRAME: 0403

Docket No.: 1488-SPL

ASSIGNMENT

WHEREAS, Robert S. Bokulic, Cliff E. Willey, William E. Skullney and Ronald C. Schulze hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application entitled

HYBRID INFLATABLE ANTENNA

which application was executed by them on 10/9/00; 10/9/0

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 patent 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 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.

PATENT REEL: 011331 FRAME: 0404

tively.

	ASSIGNMENT Page 2
Docket No. 1488-SPL Inventor(s): Robert S. Bokulic, Cliff E. Willey, Will Skullney and Ronald C. Schulze Title: Hybrid Inflatable Antenna	
Application Execution Date: 10/9/00; 10/11/00; 10/24/00 and 1	-
IN TESTIMONY WHEREOF, they have set their hand at their seal on the date given hereinbelow.	nd affixed
Fobert S. Bohulic SEAL 10/9/00 Robert S. Bokulic	ODATE
STATE OF MARYLAND) COUNTY OF HOWARD)	
Subscribed and sworn to before me this Attack day of 2000, by the above-named Robert S. Bokulic.	action,
The of War.	
My Commission expires οδ	6.01
Cliff E. Willey SEAL 10/11/01	DATE
STATE OF MARYLAND) COUNTY OF HOWARD)	

Subscribed and sworn to before me this // day of Actobec, 2000, by the above-named Cliff E. Willey.

Many Jane Colson My Commission expires 4/1/04

> **PATENT REEL: 011331 FRAME: 0405**

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Inventor(s): Robert S. Bokulic, Cliff E. Willey, William E.

Skullney and Ronald C. Schulze

Title: Hybrid Inflatable Antenna

Application Execution Date: 10/9/00; 10/11/00; 10/24/00 and 11/3/00, respectively.

William E. Skullney SEAL 10/24/00 DATE

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 24th day of October, 2000, by the above-named William E. Skullney.

Christian F. Char

My Commission expires 08[0:| 0:

Ronald C. Schulze SEAL 11/3/00 DATE

STATE OF MARYLAND)
COUNTY OF HOWARD)

RECORDED: 11/20/2000

Subscribed and sworn to before me this day of normal 2000, by the above-named Ronald C. Schulze.

Christian F. Care

My Commission expires 03/01/01

PATENT REEL: 011331 FRAME: 0406