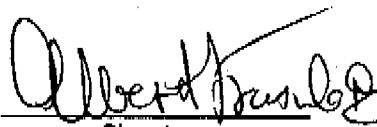


DOCKET NO. 1378-0002

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <u>Robert F. Walsh</u>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>The Johns Hopkins University</u>  Internal Address: _____  Street Address: <u>34th and Charles Streets</u>  City: <u>Baltimore</u> State: <u>MD</u> Zip: <u>21218</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <u>3/10/2004</u>			4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/006,449</u> B. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Albert J. Fasulo, II Reg. No. 43,607</u>  Internal Address: <u>Office of Patent Counsel</u> <u>The Johns Hopkins University</u> <u>Applied Physics Laboratory</u>  Street Address: <u>Mail Stop 7-156</u> <u>11100 Johns Hopkins Road</u>  City: <u>Laurel</u> State: <u>MD</u> Zip: <u>20723-6099</u>			6. Total number of applications and patents involved: <u>1</u>  7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: <u>01-2218</u>		
<b>DO NOT USE THIS SPACE</b>					
9. Signature.  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Albert J. Fasulo, II</u>            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: center;"> <u>3/14/04</u>            Date         </div> </div> <div style="text-align: right; margin-top: 5px;">         Total number of pages including cover sheet, attachments, and documents: <u>3</u> </div>					

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

CH \$40.00 012218 10006449

## PATENT ASSIGNMENT

Docket No. 1379-0002

Page 1

ASSIGNMENT

WHEREAS, Robert F. Walsh, hereinafter referred to as the ASSIGNOR, has made an invention as described in a United States patent application entitled:

Sensor Array System for Position Detection

which application was executed by him on March 8, 2002, 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 ASSIGNOR does 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 ASSIGNOR had this agreement not been made.

THE ASSIGNOR here further agrees 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.

Patent Assignment

1379-0002

Page 2

THE ASSIGNOR hereby covenants that he has the right to grant the foregoing assignment.

Robert F. Walsh SEAL 3/10/04 DATE  
Robert F. Walsh

STATE OF ARIZONA )  
COUNTY OF PIMA )

On this 10 day of March, 2004, before me, the undersigned officer, personally appeared the above-named Robert F. Walsh, 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.

Maria Guadalupe Allen  
Signature  
Maria Guadalupe Allen  
Printed Name

Notary Public

My Commission expires 10-01-2004