

Docket No.: 1661-97179

FORM PTO-1585 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp.5/31/2002)  
POBA/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Lloyd A. Linstrom**  
**Dennis J. Duven**

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):

Name: **THE JOHNS HOPKINS UNIVERSITY**

Address: **34th and Charles Streets**

City: **Baltimore** State/Prov.: **MD**

Country: **U.S.A.** ZIP: **21218**

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: **6/25/02 and 6/26/02, respectively**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **N/A**

Patent Application No.	Filing date	B. Patent No.(s)
<b>PCT/US01/47908</b>	<b>12 December 2001</b>	

Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Francis A. Cooch**

Registration No. **31,495**

Address: **Office of Patent Counsel**

**The Johns Hopkins University/Applied Physics Laboratory**

**11100 Johns Hopkins Road**

City: **Laurel** State/Prov.: **MD**

Country: **U.S.A.** ZIP: **20723-6099**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number: **01-2218**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Francis A. Cooch** Francis A. Cooch June 26, 2002

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **3**

Docket No. 1661-97179

PATENT  
ASSIGNMENT  
Page 1

ASSIGNMENT

WHEREAS, Lloyd A. Linstrom and Dennis J. Duven, hereinafter referred to as the ASSIGNORS, have made an invention as described in an international application filed under the Patent Cooperation Treaty entitled: GPS RECEIVER TRACKING SYSTEM, serial no. PCT/US01/47908, filed December 12, 2001; and

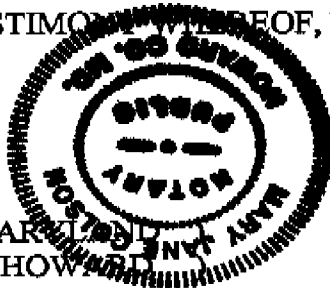
WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire an interest therein;

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.

IN TESTIMONY WHEREOF, he has set his hand and affixed his seal on the date given hereinbelow.



Lloyd A. Linstrom SEAL 25 JUNE 2002 DATE  
Lloyd A. Linstrom

STATE OF MARYLAND  
COUNTY OF HOWARD

Subscribed and sworn to before me this 25 day of June, 2002, by the above-named Lloyd A. Linstrom.

Mary Jane Colson  
Mary Jane Colson

My Commission expires 4/1/04

PATENT  
ASSIGNMENT  
Page 2

Docket No. 1661-97179

Inventor(s): Lloyd A. Linstrom and Dennis J. Duven

Title: GPS RECEIVER TRACKING SYSTEM

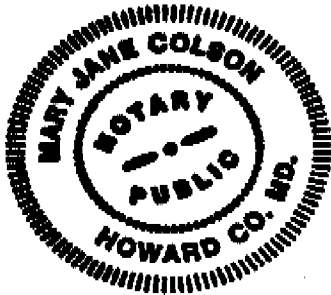
International Application serial no.: PCT/US01/47908, December 12, 2001

IN TESTIMONY WHEREOF, he has set his hand and affixed his seal on the date given hereinbelow.

Dennis J. Duven SEAL June 26, 2002 DATE  
Dennis J. Duven

STATE OF MARYLAND )  
COUNTY OF HOWARD )

Subscribed and sworn to before me this 26 day of June, 2002 by the above-named  
Dennis J. Duven



Mary Jane Colson  
Mary Jane Colson  
My Commission expires 4/1/04