

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp.5/31/2002)
P06/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):
Regaswamy Srinivasan Russell P. Cain
Robert Oslander Bliss G. Carkhuff
Jane W. Spicer
Francis B. Weiskopf, Jr.
Kenneth R. Grossman

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

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

Name: The Johns Hopkins University

Internal Address: _____

Street Address: 34th and Charles Streets

City: Baltimore State: MD ZIP: 21218

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 8/6/02;8/5/02;8/5/02;8/5/02;8/27/02;8/15/02
and 8/15/02, 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: _____

A. Patent Application No.(s)

US Serial No. 10/220,102 filed 8/27/02

Additional numbers attached? Yes No

B. Patent No.(s)

6. Total number of applications and patents involved: 1

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

Name: Ernest R. Graf

Internal Address: Office of Patent Counsel
The Johns Hopkins University
Applied Physics Laboratory

Street Address: 11100 Johns Hopkins Road

City: Laurel State: MD ZIP: 20723

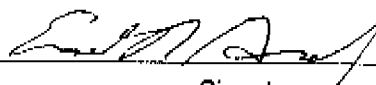
7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
01-2218

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

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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.

Ernest R. Graf  1/8/03
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 5 **PATENT**

Docket No. 1651-SPL

PATENT
ASSIGNMENT
Page 1

ASSIGNMENT

WHEREAS, Rengaswamy Srinivasan, Robert Osiander, Jane W. Spicer, Francis B. Weiskopf, Jr., Kenneth R. Grossman, Russell P. Cain and Bliss G. Carkhuff hereinafter referred to as the ASSIGNORS, have made an invention as described in an international application filed under the Patent Cooperation Treaty entitled: WIRELESS MULTI-FUNCTIONAL SENSOR PLATFORM SYSTEM CONTAINING SAME AND METHOD FOR ITS USE, serial no. PCT/US01/46806, filed December 7, 2001; and

which application was executed by them on 8/6/02, 8/5/02, 8/5/02, 8/5/02, 8/27/02, ;
respectively, and 8/15/02 and 8/15/02

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.

Regaswamy Srinivasan SEAL 08/06/02 DATE
Regaswamy Srinivasan

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 6th day of August, 2002, by the above-named Regaswamy Srinivasan.



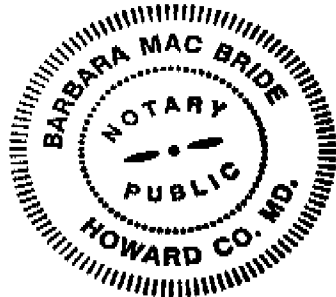
Barbara A. MacBride
Barbara A. MacBride
My Commission expires October 1, 2005

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

Robert Osiander SEAL 8-5-2002 DATE
Robert Osiander

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 5th day of August, 2002, by the above-named Robert Osiander.



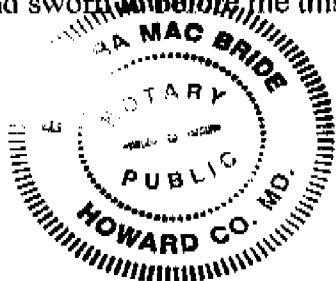
Barbara A. MacBride
Barbara A. MacBride
My Commission expires October 1, 2005

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

Jane W. Spicer SEAL 5 Aug 02 DATE
Jane W. Spicer

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 5th day of August, 2002, by the above-named Jane W. Spicer.



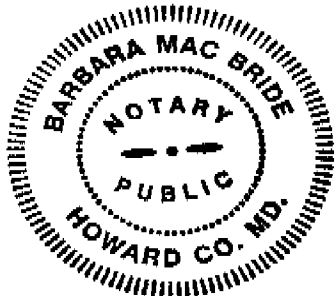
Barbara A. MacBride
Barbara A. MacBride
My Commission expires October 1, 2005

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

Francis B. Weiskopf, Jr. SEAL 5 Aug 02 DATE
Francis B. Weiskopf, Jr.

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 5th day of August, 2002, by the above-named Francis B. Weiskopf, Jr.



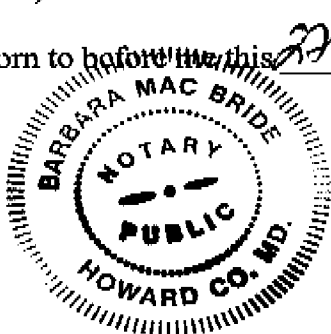
Barbara A. MacBride
Barbara A. MacBride
My Commission expires October 1, 2005

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

[Signature] SEAL 8/27/02 DATE
Kenneth R. Grossman

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 27th day of August, 2002, by the above-named
Kenneth R. Grossman.



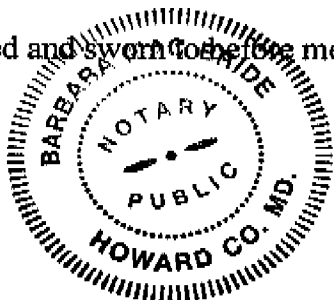
[Signature]
Barbara A. MacBride
My Commission expires October 1, 2005

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

[Signature] SEAL 8/15/02 DATE
Russell P. Cain

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 15th day of August, 2002, by the above-named
Russell P. Cain.



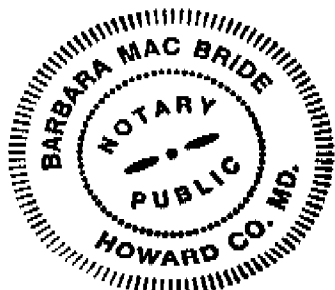
[Signature]
Barbara A. MacBride
My Commission expires October 1, 2005

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

[Signature] SEAL 8/15/02 DATE
Bliss G. Carkhuff

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 15th day of August, 2002, by the above-named
Bliss G. Carkhuff.



[Signature]
Barbara A. MacBride
My Commission expires October 1, 2005

PATENT