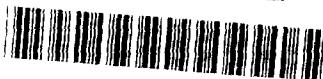


07-17-2002

Docket No.: 1434-SPL

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102158286

Tab settings → → → ▼ ▼

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

1. Name of conveying party(ies):

Surjit S. Badesha
Andrew D. Goldfinger
Thomas W. Jerardi

07/03/02

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: 20723

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: July 1, 2002

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)

PCT/US01/00559

B. Patent No.(s)

10/188631

Additional numbers attached? ☐ Yes ☐ No

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

07/16/2002 DBYRNE 00000072 012218 10188631

01 FC:581
City: Laurel 40.00 CH

State: MD ZIP: 20723

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)

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

Name of Person Signing

Signature

4

Date

Total number of pages including cover sheet, attachments, and document: 2 July 2002

ASSIGNMENT

WHEREAS, Surjit S. Badesha, Andrew D. Goldfinger, and Thomas W. Jerardi, hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application entitled:

OPTICAL COMMUNICATION SYSTEM USING A HIGH ALTITUDE TETHERED BALLOON

which application was executed by them on July 1, 2002;
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 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.

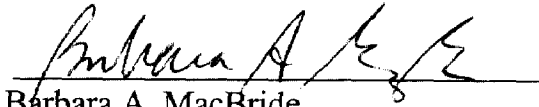
THE ASSIGNORS hereby covenant that they have the right to grant the foregoing assignment.

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


 SEAL 7/1/2002 DATE
Surjit S. Badesha

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 1st day of July, 2002, by the above-named Surjit S. Badesha.

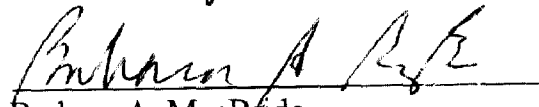

Barbara A. MacBride
My Commission expires October 1, 2005

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

 SEAL 7/1/02 DATE
Andrew D. Goldfinger

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 1st day of July, 2002, by the above-named Andrew D. Goldfinger.


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.

Thomas W. Jerardi SEAL 2/1/02 DATE
Thomas W. Jerardi

STATE OF MARYLAND)
COUNTY OF HOWARD)

Subscribed and sworn to before me this 1ST day of July, 2002, by the above-named Thomas W. Jerardi.

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