

06-24-2002



102132848

Docket No.: 01640259AA

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents

102132848 Record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Virginia Polytechnic Institute & State University

06/18/02

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

Name: **Virginia Tech Intellectual Properties, Inc.**

Internal Address: _____

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: **1872 Pratt Drive, Suite 1625**

City: **Blacksburg** State: **Va.** ZIP: **24060**

Execution Date: **October 26, 2001**

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

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

**09/870,986 filed on
June 1, 2001**

Additional numbers attached? ☐ Yes ☒ No

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

Name: **WHITHAM, CURTIS & CHRISTOFFERSON, PC**

Internal Address: **Ruth E. Tyler-Cross**



30743

PATENT TRADEMARK OFFICE

Street Address: **11491 Sunset Hills Road, Ste 340**

06/21/2002 GTOM11 00000139 09870986

01 FC:581

40.00 DP

City: **Reston** State: **Va.** ZIP: **20190**

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:

50-2041

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.

Ruth E. Tyler-Cross Reg No. 45,922

Name of Person Signing

Ruth E. Tyler-Cross

Signature

June 18, 2002

Date

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

ASSIGNMENT

WHEREAS, Virginia Polytechnic Institute & State University, of Blacksburg, Virginia (hereinafter referred to as ASSIGNOR), own certain new and useful improvements in an invention by Ravi F. Saraf and Sanjun Niu entitled:

BIO-CHIP, PHOTOLUMINESCENT METHODS FOR IDENTIFYING BIOLOGICAL MATERIAL, AND APPARATUSES FOR USE WITH SUCH METHODS AND BIO-CHIPS

for which an application for United States Letters Patent was filed on June 1, 2001; and

WHEREAS, Virginia Tech Intellectual Properties, Inc (hereinafter referred to as ASSIGNEE), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at Blacksburg, Virginia, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, ASSIGNOR has caused the hand of its proper office to be subscribed hereto this 26 day of October, 2001.

Witnessed by:

Carolyn Ratcliffe

VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY

Minnis Ridenour
By: Minnis Ridenour
Chief Operating Officer



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

R. Saraf, et al.

Serial No.: 09/870,986

Group Art Unit: 1634

Filed: June 1, 2001

Examiner: Chakrabarti

For: BIO-CHIP, PHOTOLUMINESCENT METHODS FOR IDENTIFYING
BIOLOGICAL MATERIAL, AND APPARATUSES FOR USE WITH
SUCH METHODS AND BIO-CHIPS


Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUBMISSION OF ASSIGNMENT

Sir:

Kindly record and return to the undersigned the attached assignment from Virginia Polytechnic Institute & State University to Virginia Tech Intellectual Properties, Inc., for the above-identified patent application. Accompanying the assignment and Assignment Recordation Form is our check in the amount of \$40.00 to cover the recording fee for this assignment. Please charge any deficiencies in fees or credit any overpayments to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,


Ruth Tyler-Cross
Reg. No.: 45,922

703-787-9400



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PATENT TRADEMARK OFFICE