

03-30-2001

FILE NO. A31364A

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



To the Honorable Commissioner of Patents and T

101653509

all documents or copy thereof.

1. Name of conveying party(ies): Richard M. Osgood, Jr.
and Antonije M. Radojevic

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

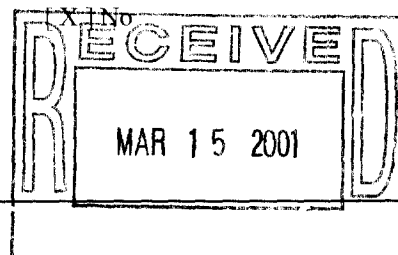
3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherMCO
3-15-01

2. Name and address of receiving party(ies)

Name: The Trustees of Columbia University in the
City of New YorkAddress: 116th Street and BroadwayCity: New York State: NY Zip: 10027

Additional name(s) and address(es) attached?

☐ Yes ☒ NoExecution Date: March 8, 2001

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)

09/289,169

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Henry TangBAKER BOTTS L.L.P.Address: 30 Rockefeller Plaza - 44 Fl.City: New York State: NY Zip: 10112

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

02-4377(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 instrumentation is true and correct and any attached copy is a true copy of the
original document.*Henry Tang

Name of Person Signing

SignatureMarch 9, 2001

Date

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

4

ASSIGNMENT

WHEREAS, WE, RICHARD M. OSGOOD, JR. and ANTONIJE M. RADOJEVIC, citizens of the United States, residing in Chappaqua, New York, and Mamaroneck, New York, respectively, whose post office addresses are 345 Quaker Street, Chappaqua, NY 10514, and 135 Beach Avenue, Mamaroneck, NY 10543, respectively, have made an invention entitled "SLICING OF SINGLE-CRYSTAL FILMS USING ION IMPLANTATION" as set forth and described in application for Letters Patent, Serial No. 09/289,169, filed April 9, 1999; and


WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "COLUMBIA"), having its principal place of business at 116th Street and Broadway, New York, New York 10027, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said RICHARD M. OSGOOD, JR. and ANTONIJE M. RADOJEVIC, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said COLUMBIA, and other valuable considerations unto me moving from said COLUMBIA, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said COLUMBIA, its successors and assigns, the entire right, title and interest in and to the said invention entitled "SLICING OF SINGLE-CRYSTAL FILMS USING ION IMPLANTATION", as set forth and described in application for Letters Patent, Serial No. 09/289,169, filed April 9, 1999, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said RICHARD M. OSGOOD, JR. and ANTONIJE M. RADOJEVIC, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said COLUMBIA, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COLUMBIA, its successors and assigns;

AND WE, the said RICHARD M. OSGOOD, JR. and ANTONIJE M. RADOJEVIC, for the considerations aforesaid, do hereby covenant and agree to and with said COLUMBIA, its successors and assigns, that WE have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that WE, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said COLUMBIA, its successors and assigns, may be required or necessary more effectively to secure to and vest in said COLUMBIA, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, the said RICHARD M. OSGOOD, JR. and ANTONIJE M. RADOJEVIC, JR., have hereunto set our hand and seal

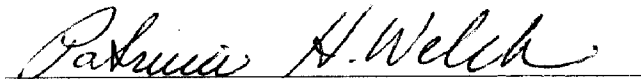

RICHARD M. OSGOOD, JR.

STATE OF NEW YORK

:SS:

COUNTY OF NEW YORK

BE IT KNOWN, that on this 8th day of MARCH, 2001, before me personally came RICHARD M. OSGOOD, JR., to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this 8th day of MARCH, 2001.


Notary Public

PATRICIA H. WELCH
Notary Public, State of New York
No. 01WE4812627
Qualified in Kings County
Commission Expires August 31, 2002

S E A L

NY02:312217.1


 ANTONIJE M. RADOJEVIC

STATE OF NEW YORK,

COUNTY OF NEW YORK^{SS:}

BE IT KNOWN, that on this 8th day of MARCH, 2001, before me personally came ANTONIJE M. RADOJEVIC, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this 8th day of MARCH, 2001.


 Notary Public

SEAL

PATRICIA H. WELCH
 Notary Public, State of New York
 No. 01WE4812627
 Qualified in Kings County
 Commission Expires August 31, 2002