

09-06-2001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Attorney Docket No. 110.00810101



101834908

To the Honorable Commissioner of Patents and Trademarks original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Olav K. Lyngberg  
(2) Michael C. Flickinger  
(3) L. Edward Scriven II

8-31-01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ License  
☐ Other \_\_\_\_\_

Execution Date: (1) July 1, 2001; (2) August 15, 2001; and (3) August 17, 2001

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

Name: Regents of the University of Minnesota

Street Address: 450 McNamara Alumni Center  
200 Oak Street SE

City: Minneapolis State: MN ZIP: 55455-2070

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

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).

B. Patent No(s).

U.S. Patent Application No. 09/647,475

Title: COMPOSITE DEVICES INCORPORATING BIOLOGICAL MATERIAL AND METHODS

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ann M. Muetting

Address: MUETING, RAASCH & GEBHARDT, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415

Customer Number 26813

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. Please charge any additional fees or credit any overpayments to Deposit account number: 13-4895

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 an original or a true copy of the original document.

Ann M. Muetting  
Name of Person Signing

Signature

20 August 2001  
Date

Total number of pages including cover sheet, attachments, and document(s): 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner, United States Patent and Trademark Office  
Box Assignments  
Washington, D.C. 20231

09/05/2001 LNUELLER 00000226 09647475

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40.00 OP

PATENT  
REEL: 012126 FRAME: 0049

# ASSIGNMENT

Docket: 110.00810101

Whereas We, Olav K. Lyngberg, Michael C. Flickinger, and L. Edward Scriven II, with residences and citizenships as indicated below, have together with Ron Anderson made an invention in

## COMPOSITE DEVICES INCORPORATING BIOLOGICAL MATERIAL AND METHODS

Provisional Appln. Serial No.: 60/100,914  
International Appln. No.: PCT/US99/21581  
U.S. Patent Appln. Serial No.: 09/647,475

Provisional Filing Date: 17 September 1998  
International Filing Date: 17 September 1999  
Filing Date: 29 September 2000

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Regents of the University of Minnesota ("Company"), a corporation of Minnesota, having its principal office at 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2070, United States of America, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any continued prosecution application, divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Regents of the University of Minnesota as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Olav K. Lyngberg 07/01/01  
Name: Olav K. Lyngberg Date

Address: 6 Piedmont Drive, Princeton Junction, New Jersey 08550 USA  
Citizenship: United States of America

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_ 2001, before me personally appeared Olav K. Lyngberg, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

Assignment

Page 2 of 3

Serial No.: 09/647,475

Filed: 29 September 2000 (Int'l Filing Date: 17 September 1999)

For: COMPOSITE DEVICES INCORPORATING BIOLOGICAL MATERIAL AND METHODS

Name: Michael C. Flickinger  
Address: 2226 Scudder Avenue, St. Anthony Park, Minnesota 55108 USA  
Citizenship: United States of America

Date

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally appeared Michael C. Flickinger, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Notary Public

Name: L. Edward Scriven II  
Address: 2044 Cedar Lake Parkway, Minneapolis, Minnesota 55416 USA  
Citizenship: United States of America

Date

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally appeared L. Edward Scriven II, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Notary Public

Docket: 110.008101(01)

**ASSIGNMENT**

Whereas We, Olav K. Lyngberg, Michael C. Flickinger, and L. Edward Scriven II, with residences and citizenships as indicated below, have together with Ron Anderson made an invention in

**COMPOSITE DEVICES INCORPORATING BIOLOGICAL MATERIAL AND METHODS**

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and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Regents of the University of Minnesota ("Company"), a corporation of Minnesota, having its principal office at 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2070, United States of America, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any continued prosecution application, divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Regents of the University of Minnesota as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Name: Olav K. Lyngberg  
 Address: 6 Piedmont Drive, Princeton Junction, New Jersey 08550 USA  
 Citizenship: United States of America

Date

STATE OF \_\_\_\_\_ )  
 ) ss.  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally appeared Olav K. Lyngberg, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

\_\_\_\_\_  
 Notary Public

Assignment

Page 2 of 3

Serial No.: 09/647,475

Filed: 29 September 2000 (Int'l Filing Date: 17 September 1999)

For: COMPOSITE DEVICES INCORPORATING BIOLOGICAL MATERIAL AND METHODS

Michael C. Flickinger

8-15-01

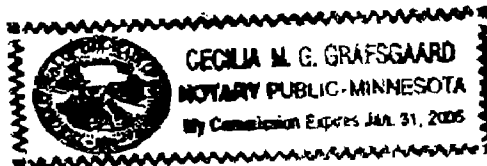
Name: Michael C. Flickinger

Date

Address: 2226 Scodder Avenue, St. Anthony Park, Minnesota 55108 USA

Citizenship: United States of America

STATE OF MINNESOTA )  
COUNTY OF HENNEPIN ) ss.



On this 15<sup>TH</sup> day of AUGUST 2001, before me personally appeared Michael C. Flickinger, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Cecilia M. G. Graefsgaard  
Notary Public

L. Edward Scriven II

8-17-01

Date

Name: L. Edward Scriven II

Address: 2044 Cedar Lake Parkway, Minneapolis, Minnesota 55416 USA

Citizenship: United States of America

STATE OF MINNESOTA )  
COUNTY OF HENNEPIN ) ss.

On this 17<sup>TH</sup> day of AUGUST 2001, before me personally appeared L. Edward Scriven II, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Julianna J. Murphy  
Notary Public

