

04-24-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101331082

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

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

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 010714 FRAME: 0867

Correspondent Name and Address

Area Code and Telephone Number (757) 220-3927

Name Joy L. Bryant

Address (line 1) P.O. Box 590

Address (line 2) Lightfoot, Virginia 23090

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

6

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/489,768

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

No

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. Charges to deposit account are authorized, as indicated herein.

Joy L. Bryant

Name of Person Signing

Joy L. Bryant

Signature

March 30, 2000

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Mark E. Jones

Execution Date
Month Day Year
01-20-2000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/489,768

PATENT

REEL: 010714 FRAME: 0869

ASSIGNMENT

WHEREAS, I, Kent A. Murphy, of 4556 Mountain Pass Road, Troutville, Virginia 24175, have invented certain new and useful improvements concerning a Flexible Fiber Optic Microbend Device, Sensors, and Method of Use ("Invention"), for which I am about to make an application for Letters Patent of the United States; and

WHEREAS, Luna Innovations, Inc., a corporation duly organized under the laws of the Commonwealth of Virginia and having its principal place of business at 2851 Commerce Street, Blacksburg, Virginia 24060 is desirous of acquiring an interest in, to and under said Invention and improvements thereon, said application, and any and all Letters Patent which may be granted for or upon said Invention and improvements in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Luna Innovations, Inc. the full and exclusive right, title and interest, throughout the world, in, to and under said Invention as fully set forth and described in the specification prepared and executed by me on Jan 20, 2000 [even date herewith] preparatory to obtaining Letters Patent of the United States therefor, and in any improvements on the Invention heretofore or hereafter made or acquired by me; in, to and under said application and additional applications covering the Invention and improvements; in, to and under any and all refilings, divisions and continuations of said applications; in, to and under any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said Invention and any improvements thereto which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said Luna Innovations, Inc. for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

FURTHERMORE, I covenant and agree to cooperate with Luna Innovations, Inc. so that Luna Innovations, Inc. may enjoy to the fullest extent the right, title, and interest herein conveyed. Such cooperation shall include:

(1) Prompt execution of all papers, to be prepared at the expense of Luna Innovations, Inc., that are deemed necessary or desirable by Luna Innovations, Inc. to perfect the right, title, and interest herein conveyed.

(2) Prompt execution of all petitions, oaths, specifications, declarations or other papers, to be prepared at the expense of Luna Innovations, Inc., that are deemed necessary or desirable by Luna Innovations, Inc. for prosecuting the application identified herein, for filing and prosecuting refilings, substitute, divisional, continuing, or additional applications in the United States and/or foreign countries covering the Invention and improvements, for filing and prosecuting applications for reissuance of Letters Patent covering the Invention and improvements, or for interference proceedings involving the Invention and improvements.

(3) Prompt assistance and cooperation in the prosecution of legal proceedings involving the Invention and improvements, any and all applications for Letters Patent upon said Invention and improvements, and Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, interferences, public use proceedings and court actions.

EXECUTED this 20 day of Jan, 2000.



KENT A. MURPHY

COMMONWEALTH/STATE OF Virginia :

COUNTY OF Montgomery :

Before me personally appeared Kent A. Murphy, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purpose therein set forth, on the day and year aforesaid.

Melisse A. Blankenship
Notary Public

SEAL

My Commission Expires:

November 5, 2003

ASSIGNMENT

WHEREAS, I, Scott A. Meller, of 212 Primrose Drive, Blacksburg, Virginia 24060, have invented certain new and useful improvements concerning a Flexible Fiber Optic Microbend Device, Sensors, and Method of Use ("Invention"), for which I am about to make an application for Letters Patent of the United States; and

WHEREAS, Luna Innovations, Inc., a corporation duly organized under the laws of the Commonwealth of Virginia and having its principal place of business at 2851 Commerce Street, Blacksburg, Virginia 24060 is desirous of acquiring an interest in, to and under said Invention and improvements thereon, said application, and any and all Letters Patent which may be granted for or upon said Invention and improvements in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Luna Innovations, Inc. the full and exclusive right, title and interest, throughout the world, in, to and under said Invention as fully set forth and described in the specification prepared and executed by me on 1/29/00 [even date herewith] preparatory to obtaining Letters Patent of the United States therefor, and in any improvements on the Invention heretofore or hereafter made or acquired by me; in, to and under said application and additional applications covering the Invention and improvements; in, to and under any and all refilings, divisions and continuations of said applications; in, to and under any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said Invention and any improvements thereto which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said Luna Innovations, Inc. for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

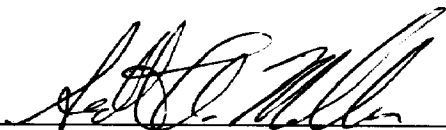
FURTHERMORE, I covenant and agree to cooperate with Luna Innovations, Inc. so that Luna Innovations, Inc. may enjoy to the fullest extent the right, title, and interest herein conveyed. Such cooperation shall include:

(1) Prompt execution of all papers, to be prepared at the expense of Luna Innovations, Inc., that are deemed necessary or desirable by Luna Innovations, Inc. to perfect the right, title, and interest herein conveyed.

(2) Prompt execution of all petitions, oaths, specifications, declarations or other papers, to be prepared at the expense of Luna Innovations, Inc., that are deemed necessary or desirable by Luna Innovations, Inc. for prosecuting the application identified herein, for filing and prosecuting refilings, substitute, divisional, continuing, or additional applications in the United States and/or foreign countries covering the Invention and improvements, for filing and prosecuting applications for reissuance of Letters Patent covering the Invention and improvements, or for interference proceedings involving the Invention and improvements.

(3) Prompt assistance and cooperation in the prosecution of legal proceedings involving the Invention and improvements, any and all applications for Letters Patent upon said Invention and improvements, and Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, interferences, public use proceedings and court actions.

EXECUTED this 20 day of January, 2000.



SCOTT A. MELLER

COMMONWEALTH/STATE OF Virginia

COUNTY OF Montgomery

Before me personally appeared Scott A. Meller, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purpose therein set forth, on the day and year aforesaid.

Melissa Blankenship

Notary Public

SEAL

My Commission Expires:

November 5, 2003

ASSIGNMENT

WHEREAS, I, Mark E. Jones, of 3301 McEver Road, Blacksburg, Virginia 24060, have invented certain new and useful improvements concerning a Flexible Fiber Optic Microbend Device, Sensors, and Method of Use ("Invention"), for which I am about to make an application for Letters Patent of the United States; and

WHEREAS, Luna Innovations, Inc., a corporation duly organized under the laws of the Commonwealth of Virginia and having its principal place of business at 2851 Commerce Street, Blacksburg, Virginia 24060 is desirous of acquiring an interest in, to and under said Invention and improvements thereon, said application, and any and all Letters Patent which may be granted for or upon said Invention and improvements in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Luna Innovations, Inc. the full and exclusive right, title and interest, throughout the world, in, to and under said Invention as fully set forth and described in the specification prepared and executed by me on 20 JAN, 2000 [even date herewith] preparatory to obtaining Letters Patent of the United States therefor, and in any improvements on the Invention heretofore or hereafter made or acquired by me; in, to and under said application and additional applications covering the Invention and improvements; in, to and under any and all refilings, divisions and continuations of said applications; in, to and under any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said Invention and any improvements thereto which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said Luna Innovations, Inc. for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

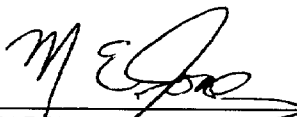
FURTHERMORE, I covenant and agree to cooperate with Luna Innovations, Inc. so that Luna Innovations, Inc. may enjoy to the fullest extent the right, title, and interest herein conveyed. Such cooperation shall include:

(1) Prompt execution of all papers, to be prepared at the expense of Luna Innovations, Inc., that are deemed necessary or desirable by Luna Innovations, Inc. to perfect the right, title, and interest herein conveyed.

(2) Prompt execution of all petitions, oaths, specifications, declarations or other papers, to be prepared at the expense of Luna Innovations, Inc., that are deemed necessary or desirable by Luna Innovations, Inc. for prosecuting the application identified herein. for filing and prosecuting refilings, substitute, divisional, continuing, or additional applications in the United States and/or foreign countries covering the Invention and improvements, for filing and prosecuting applications for reissuance of Letters Patent covering the Invention and improvements, or for interference proceedings involving the Invention and improvements.

(3) Prompt assistance and cooperation in the prosecution of legal proceedings involving the Invention and improvements, any and all applications for Letters Patent upon said Invention and improvements, and Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, interferences, public use proceedings and court actions.

EXECUTED this 20 day of January, 2000.



MARK E. JONES

COMMONWEALTH/STATE OF Virginia :

COUNTY OF Montgomery :

Before me personally appeared Mark E. Jones, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purpose therein set forth, on the day and year aforesaid.

Melissa Blankenship
Notary Public

SEAL

My Commission Expires:

November 5, 2003