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U.S. Department of Commerce
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Michael B. Miller Execution Date 02-09-2000
Month Day Year

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

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.)

Name (line 1) Luna Innovations, Inc.

Name (line 2) _____

Address (line 1) 2851 Commerce Street

Address (line 2) _____

Address (line 3) Blacksburg Virginia/U.S.A. 24060
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT

REEL: 010771 FRAME: 0320

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.

2

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)

09/502,130

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

Signature

Date

ASSIGNMENT

WHEREAS, I, Michael B. Miller, of 1140 Sherwood Drive, Christiansburg, Virginia 24073, have invented certain new and useful improvements concerning a "Non-Lithographic Process for Producing Nanoscale Features on a Substrate" ("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 2/9/00 [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 9th day of February, 2000.



MICHAEL B. MILLER

COMMONWEALTH/STATE OF Virginia :

COUNTY OF Montgomery :

Before me personally appeared Michael B. Miller, 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.

Meuse Blankenship
Notary Public

SEAL

My Commission Expires:

April 30, 2003