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PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | |
| CONVEYING PARTY D | ΑΤΑ | | | | |
| | | Name | Execution Date | | |
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| CATHERINE LE VISAGE | | | 03/11/2013 | | |
| SIDI MOHAMMED DERI | KAOUI | | 03/11/2013 | | |
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| PROPERTY NUMBERS | Total: 1 | l | | | |
| Property Type | | Number | | | |
| Application Number: | | 16197409 | | | |
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| DATE SIGNED: | 11/21/2018 | |
| Total Attachments: 3 source=11450155us_assgn#page1.tif source=11450155us_assgn#page2.tif source=11450155us_assgn#page3.tif | | |

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT

WHEREAS:

| NAME AND ADDRESS OF ASSIGNOR: | Didier LETOURNEUR of Paris, FRANCE; Catherine LE VISAGE of Paris, FRANCE; AND Sidi Mohammed DERKAOUI of Paris, FRANCE; |
|----------------------------------|---|
| | (Hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled: |
| TITLE OF INVENTION: | CROSSLINKED POLYSACCHARIDE BEADS AND THEIR BIOMEDICAL USES |
| | (hereinafter referred to as INVENTION) for which application for Letters Patent of the United States was filed February 27, 2013, and accorded United States Serial No. 13/819,437 and is based on PCT/EP2011/064927, filed August 30, 2011; and |
| | WHEREAS: |
| FULL NAME AND ADDRESS | Institut National de la Santé et de la Recherche Médicale (INSERM) |
| OF ASSIGNEE: | 101 rue de Tolbiac, F-75013 Paris France And |
| | Université Paris Diderot – Paris 7 |
| | 5, rue Thomas Mann F-75205 Paris Cedex 13 |
| | F-75205 Fails Cedex 15 France |
| | (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries. |
| | <i>NOW, THEREFORE, TO ALL WHOM IT MAY</i> <i>CONCERN</i> : Be it known that good and valuable consideration from ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and |

exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

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 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 and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto. IN WITNESS WHEREOF, I/We have hereunto set hand and seal

March 11, 2013

Didier LETOURNEUR

11/03/2013 Date

11/03/2013

Date

Catherine LE VISAGE

Sidi Mohammed DERKAOUI