504279187 03/20/2017

PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| MARCEL BLOT-CHABAUD | 09/07/2011 |
| KARIM HARHOURI | 09/07/2011 |
| NATHALIE BARDIN | 09/07/2011 |
| BENJAMIN GUILLET | 09/07/2011 |
| FRANCOISE DIGNAT-GEORGE | 09/07/2011 |

RECEIVING PARTY DATA

| Name: | UNIVERSITE DE LA MEDITERRANEE |
|-----------------|--|
| Street Address: | 58 BOULEVARD CHARLES LIVON |
| City: | MARSEILLE CEDEX 07 |
| State/Country: | FRANCE |
| Postal Code: | F-13284 |
| Name: | INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) |
| Street Address: | 101 RUE DE TOLBIAC |
| City: | PARIS CEDEX 13 |
| State/Country: | FRANCE |
| Postal Code: | F-75654 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15462952 |

CORRESPONDENCE DATA

Fax Number: (352)372-5800

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3523758100

Email: fce@slepatents.com

Correspondent Name: FRANK C. EISENSCHENK, PH.D.

Address Line 1: P.O. BOX 142950

Address Line 4: GAINESVILLE, FLORIDA 32614-2950

ATTORNEY DOCKET NUMBER: BKR.208D1

PATENT 504279187 REEL: 041639 FRAME: 0638

| NAME OF SUBMITTER: | FRANK C. EISENSCHENK, PH.D. |
|--------------------------------|-----------------------------|
| SIGNATURE: | /FRANK C. EISENSCHENK/ |
| DATE SIGNED: | 03/20/2017 |
| Total Attachments: 6 | |
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| source=executed-Asgn#page5.tif | |
| source=executed-Asan#page6.tif | |

PATENT REEL: 041639 FRAME: 0639

ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, have invented certain new and useful improvements in **HUMAN SOLUBLE CD146**, **PREPARATION AND USES THEREOF**, for which an application for United States Letters Patent was filed July 28, 2011, as Serial No. 13/146,758.

WHEREAS, UNIVERSITE DE LA MEDITERRANEE, a corporation of the country of France, having a place of business at 58 boulevard Charles Livon, F-13284 Marseille Cedex 07, France, and INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), existing by virtue of the laws of France, and having an office at 101 rue de Tolbiac, F-75654 Paris Cedex 13, France, are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of UNIVERSITE DE LA MEDITERRANEE and INSERM's review and evaluation of our patent disclosure and other valuable consideration, receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said UNIVERSITE DE LA MEDITERRANEE and INSERM, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to UNIVERSITE DE LA MEDITERRANEE and INSERM, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of UNIVERSITE DE LA MEDITERRANEE and INSERM, its successors and assigns.

FURTHER, we agree that we will communicate to UNIVERSITE DE LA MEDITERRANEE and INSERM, or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to UNIVERSITE DE LA MEDITERRANEE and INSERM; make all rightful oaths; and generally do everything possible to aid UNIVERSITE DE LA MEDITERRANEE and INSERM, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

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| IN TESTIMONY WHEREOF, I I | nave hereunto set my hand this day of |
|---------------------------|---|
| Signed | Karim Harhouri |
| | 22 Rue Edmond Jaloux F-13014 Marseille FRANCE |
| WITNESS: | |
| Signature: | |
| Printed Name: ESSAADI AME | |
| Date: 09/07/Lou | |

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|--|-----|
| IN TESTIMONY WHEREOF, I have hereunto set my hand this day | of |
| Sentenbar, 2011. | |
| Nathalie Bardin 223 Ancien Chemin de Cassis F-13009 Marseille FRANCE | |
| WITNESS: | |
| Signature: Dou Lachha Printed Name: Dou Lachha | |
| Date: 09.07.2011 | |

| IN TESTIMONY WHEREOF, I ha | ve hereunto set my hand this day of |
|----------------------------|---|
|] | Benjamin Guillet Le Clos Saint Antoine, Impasse du Galle Cantant F-13100 Aix En Provence FRANCE |
| WITNESS: | |
| Printed Name: Pous | |
| Date: 09 /07/ 2011. | |

| | BKR.208 |
|---|---------|
| IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{1}{12}$ | day of |
| September, 2011. | |
| Françoise Dignat-George | |
| 305 Rue Paradis F-13008 Marseille | |
| FRANCE | |
| WITNESS: | |
| Signature: | |
| Printed Name: Loy Catherine | |
| Date: 7th September 2011 | |

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RECORDED: 03/20/2017

PATENT REEL: 041639 FRAME: 0645