502558371 11/05/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2604060

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| HELENE DUPLAN | 10/11/2013 |
| SYLVIE DAUNES-MARION | 10/11/2013 |
| STEPHANE POIGNY | 10/11/2013 |
| MARIE-CLAIRE MECHIN | 10/11/2013 |
| GUY SERRE | 10/11/2013 |
| MICHEL SIMON | 10/11/2013 |

RECEIVING PARTY DATA

| Name: | PIERRE FABRE DERMO-COSMETIQUE | |
|-----------------|-------------------------------|--|
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| City: | BOULOGNE-BILLANCOURT | |
| State/Country: | FRANCE | |
| Postal Code: | 92100 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14110977 | |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 3493-0416PUS1 |
|-------------------------|---------------|
| NAME OF SUBMITTER: | BRIAN OLIVE |

502558371 REEL: 031547 FRAME: 0896

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| Signature: | /brian olive/ |
|---|---|
| Date: | 11/04/2013 |
| Total Attachments: 8 source=2013-11-05_Assignment_3493-0410 source=2013-11-05_Assignment_3493-0410 source=2013-11-05_Assignment_3493-0410 source=2013-11-05_Assignment_3493-0410 source=2013-11-05_Assignment_3493-0410 source=2013-11-05_Assignment_3493-0410 source=2013-11-05_Assignment_3493-0410 | 6PUS1#page2.tif 6PUS1#page3.tif 6PUS1#page4.tif 6PUS1#page4.tif 6PUS1#page5.tif 6PUS1#page6.tif 6PUS1#page6.tif |

PATENT REEL: 031547 FRAME: 0897

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

| Application | 14/110,977 | Filed: | October 10, 2013 |
|---------------------------------------|--|---|--|
| Insert Name(s of Inventor(s) | WHEREAS, Hélène DU I Guy SERRE ; Michel SI <i>N</i> | ION | UNES-MARION; Stéphane POIGNY; Marie-Claire MECHIN; |
| | (hereinafter designated | as the undersigne | ed) has (have) invented certain new and useful improvements in: |
| Insert Title of Invention | PEPTIDYL ARGININE DEI | MINASE 1 AND/O | R 3 ACTIVATOR COMPOUNDS IN THE EPIDERMIS AND USES THEREOF |
| | for which an applicati undersigned (except in t | on for Letters F he case of a prov | Patent of the United States of America has been executed by the isional application) |
| nsert Date of Signing of Appln. | on October | 11, 2013 | ; and |
| nsert Name of Assignee | WHEREAS, PIERRE FAE | RE DERMO-COSA | METIQUE |
| nsert Address of Assignee | of 45, place Abel Ganc o | e, 92100 BOULO | GNE-BILLANCOURT - FRANCE |
| | its heirs, successors, leg acquiring the entire righ be granted therefor in th | t, title and interes | s and assigns (hereinafter designated as the Assignee) is desirous ost in and to said invention and in and to any Letters Patent(s) that man f America and |
| Check Box if Appropriate | in any foreign cour | tries. | |
| | undersigned has (have) unto said Assignee the territories, dependencies Patent(s) which may be possessions, and if the b | sold, assigned an full and exclusi s and possession e granted therefo oox above is desi | able consideration, the receipt of which is hereby acknowledged, the distransferred, and by these presents does (do) sell, assign and transferred right to the said invention in the United States of America, it is and the entire right, title and interest in and to any and all Letter or in the United States of America, its territories, dependencies and gnated, in any and all foreign countries; and to any and all divisions extensions thereof for the full term or terms for which the same man |

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date11/10/2013 | Name of Inventor | The second secon |
|-----------------|---------------------|--|
| | | (Signature) Hélène DUPLAN |
| Date 11/10/2013 | Name of Inventor | (Signature) Sylvie DAUNES-MARION |
| Date 11/10/2013 | Name of Inventor | (Signature) Stéphane POIGNY |
| Date 11/10/2013 | Name of Inventor | (Signature) Marie-Claire MECHIN |
| Date 11/10/2013 | Name of Inventor | (Signature) Guy SERRE |
| Date 11/10/2013 | Name of Inventor | (Signature) Michel SIMON |

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

| Applicatio r No.: | 14/110,977 | Filed: | October 10, 2013 |
|--|--|---|--|
| Insert Name(s of Inventor(s) | WHEREAS, <mark>Hélène DU</mark> Guy SERRE ; Michel SIA | NON | AUNES-MARION; Stéphane POIGNY; Marie-Claire MECHIN; ned) has (have) invented certain new and useful improvements in: |
| Insert Title of Invention | PEPTIDYL ARGININE DE | IMINASE 1 AND/ | OR 3 ACTIVATOR COMPOUNDS IN THE EPIDERMIS AND USES THEREOF |
| | for which an applicati undersigned (except in | | Patent of the United States of America has been executed by the visional application) |
| Insert Date of Signing of Appin. | on Octo | per 11, 2013 | ; and |
| Insert Name of Assignee | WHEREAS, PIERRE FAI | BRE DERMO-COS | METIQUE |
| Insert Address of Assignee | of 45, place Abel Ganc | e, 92100 BOUL | OGNE-BILLANCOURT - FRANCE |
| | | nt, title and inter | res and assigns (hereinafter designated as the Assignee) is desirous of est in and to said invention and in and to any Letters Patent(s) that may of America and |
| Check Box if Appropriate | in any foreign cour | ntries. | |
| | undersigned has (have) unto said Assignee the territories, dependencie Patent(s) which may b possessions, and if the | sold, assigned a full and exclu- s and possession granted theref box above is des | mable consideration, the receipt of which is hereby acknowledged, the and transferred, and by these presents does (do) sell, assign and transfer sive right to the said invention in the United States of America, its and the entire right, title and interest in and to any and all Letters for in the United States of America, its territories, dependencies and signated, in any and all foreign countries; and to any and all divisions, dextensions thereof for the full term or terms for which the same may |

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date11/10/2013 | Name of Inventor | |
|-----------------|---------------------|----------------------------------|
| | | (Signature) Hélène DUPLAN |
| Date11/10/2013 | Name of Inventor | |
| | | (Signature) Sylvie DAUNES-MARION |
| Date11/10/2013 | Name of Inventor | |
| 7 | | (Signature) Stéphane POIGNY |
| Date 11/10/2013 | Name of Inventor | Teller |
| | | (Signature) Marie-Claire MECHIN |
| Date 11/10/2013 | Name of Inventor | |
| | | (Signature) Guy SERRE |
| Date 11/10/2013 | Name of Inventor | |
| | | (Signature) Michel SIMON |

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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PATENT REEL: 031547 FRAME: 0901

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

| Application | 14/110,977 Filed: October 10, 2013 |
|---------------------------------------|---|
| nsert Name(s of nventor(s) | ***(Given Name FAMILY NAME (ALL CAPS))*** WHEREAS, Hélène DUPLAN; Sylvie DAUNES-MARION; Stéphane POIGNY; Marie-Claire MECHIN; Guy SERRE; Michel SIMON (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in: |
| nsert Title of nvention | PEPTIDYL ARGININE DEIMINASE 1 AND/OR 3 ACTIVATOR COMPOUNDS IN THE EPIDERMIS AND USES THEREOF |
| | for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application) |
| nsert Date of Signing of Appln. | on October 11, 2013 ; and |
| nsert Name of Assignee | WHEREAS, PIERRE FABRE DERMO-COSMETIQUE |
| nsert Address of Assignee | of 45, place Abel Gance, 92100 BOULOGNE-BILLANCOURT - FRANCE |
| | its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and |
| Theck Box if Appropriate | in any foreign countries. |
| | NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted |

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date11/10/2013 | Name or Inventor | |
|-----------------|---------------------|----------------------------------|
| | | (Signature) Hélène DUPLAN |
| Date11/10/2013 | Name of | |
| Date:1/10/2013 | Inventor | (Signature) Sylvie DAUNES-MARION |
| | Name of | |
| Date 11/10/2013 | Inventor | (Signature) Stéphane POIGNY |
| | Name of | |
| Date 11/10/2013 | Inventor | (Signature) Marie-Claire MECHIN |
| Date11/10/2013 | Name of Inventor | |
| | <u>-</u> | (Signature) Guy SERRE |
| Date 11/10/2013 | Name of Inventor | |
| | | (Signature) Michel SIMON |

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

| Application | 14/110,977 F | iled: | October 10, 2013 | |
|---------------------------------------|--|-------------------|---|--------|
| Insert Name(s of Inventor(s) | Guy SERRE; Michel SIMON | Sylvie DÄUNES- | MARION; Stéphane POIGNY; Marie-Claire MECHIN; (have) invented certain new and useful improvements in | n: |
| nvention | PEPTIDYL ARGININE DEIMINASE | 1 AND/OR 3 AC | TIVATOR COMPOUNDS IN THE EPIDERMIS AND USES TH | EREOF |
| | for which an application for undersigned (except in the case | | of the United States of America has been executed application) | by the |
| nsert Date of Signing of Appln, | onOctober 11, 2013 | 3 | | ; and |
| nsert Name of Assignee | WHEREAS, PIERRE FABRE DER | MO-COSMETIQ | JE Programme de la companya de la c | |
| nsert Address of Assignee | of 45, place Abel Gance, 9210 | 0 BOULOGNE-B | ILLANCOURT - FRANCE | |
| | | nd interest in ar | assigns (hereinafter designated as the Assignee) is designated to said invention and in and to any Letters Patent(s) the rica and | |
| | in any foreign countries. | | | |
| | NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted. | | | |

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| Date 11/10/2013 | Name of Inventor | (Signature) Hélène DUPLAN |
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| Date 11/10/2013 | Name of Inventor | (Signature) Sylvie DAUNES-MARION |
| Date 11/10/2013 | Name of Inventor | (Signature) Stéphane POIGNY |
| Date 11/10/2013 | Name of Inventor | (Signature) Marie-Claire MECHIN |
| Date 11/10/2013 | Name of Inventor | (Signature) Guy SERRE |
| Date 11/10/2013 | Name of Inventor | (Signature) Michel SIMON |

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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