

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|------------------------------------|--|-----------------------|-----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| Senetek plc | | 03/10/2010 | CORPORATION: UNITED KINGDOM |
| Carme Cosmeceutical Sciences, Inc. | | 03/10/2010 | CORPORATION: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | DMRJ Group, LLC | | |
| Street Address: | 1811 SILVERSIDE ROAD | | |
| City: | WILMINGTON | | |
| State/Country: | DELAWARE | | |
| Postal Code: | 19810 | | |
| Entity Type: | LIMITED LIABILITY COMPANY: DELAWARE | | |
| PROPERTY NUMBERS Total: 3 | | | |
| Property Type | Number | Word Mark | |
| Registration Number: | 1685933 | CARME | |
| Registration Number: | 1683555 | CARME | |
| Registration Number: | 2537523 | INVICORP | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | (202)799-5144 | | |
| | <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | |
| Phone: | 2027994000 | | |
| Email: | dctrademarks@dlapiper.com | | |
| Correspondent Name: | Ryan C. Compton | | |
| Address Line 1: | 500 Eighth Street, NW | | |
| Address Line 4: | Washington, DISTRICT OF COLUMBIA 20004 | | |
| ATTORNEY DOCKET NUMBER: | SENETEK | | |

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|---|-------------------|
| NAME OF SUBMITTER: | Ryan C. Compton |
| Signature: | /Ryan C. Compton/ |
| Date: | 03/26/2010 |
| Total Attachments: 5 source=Microsoft Word - Senetek - Patent and Trademark Security Agreement _signed_#page1.tif source=Microsoft Word - Senetek - Patent and Trademark Security Agreement _signed_#page2.tif source=Microsoft Word - Senetek - Patent and Trademark Security Agreement _signed_#page3.tif source=Microsoft Word - Senetek - Patent and Trademark Security Agreement _signed_#page4.tif source=Microsoft Word - Senetek - Patent and Trademark Security Agreement _signed_#page5.tif | |

PATENT AND TRADEMARK SECURITY AGREEMENT

This Patent and Trademark Security Agreement (this "Agreement"), dated as of March 10, 2010, is made by Senetek plc, a corporation organized under the laws of England, together with its wholly-owned subsidiary Carme Cosmeceutical Sciences, Inc., a Delaware corporation (collectively, the "Company"), in favor of DMRJ Group, LLC, a Delaware limited liability company ("Holder"). Company and the Holder are collectively referred to herein as the "Parties".

RECITALS

A. The Parties are party to a Securities Purchase Agreement, dated as of even date herewith ("Purchase Agreement"), pursuant to which the Holder has extended credit to Company.

B. The Parties are party to a Collateral Pledge and Security Agreement, dated as of even date herewith ("Security Agreement") under which the obligations owed by Company to the Lenders are secured.

C. Pursuant to the Purchase Agreement, Company is required to execute and deliver to the Holder this Agreement.

D. Pursuant to the terms of the Security Agreement, Company has granted to the Holder a security interest in and to all right, title and interest of Company in certain collateral to secure the payment of all amounts owing by Company under the Purchase Agreement.

AGREEMENT

1. In consideration of the mutual agreements set forth herein and in the Purchase Agreement, Company does hereby grant to the Holder a continuing security interest in all of Company's right, title and interest in, to and under the following:

a. each trademark and trademark application, including those listed in Schedule 1, together with any reissues, continuations or extensions thereof and all goodwill associated therewith, except that any U.S. intent-to-use applications will only be assigned after an acceptable amendment to allege use or a statement of use has been filed with the U.S. Patent and Trademark Office (collectively, the "Trademark Collateral"); and

b. each patent and patent application, including those listed in Schedule 2, together with any reissues, continuations or extensions thereof and all goodwill associated therewith (collectively, the "Patent Collateral").

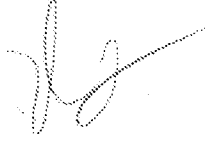
2. This security interest is granted in conjunction with the security interests granted to the Holder pursuant to the Security Agreement and subject to limitations set forth therein. Company hereby acknowledges and affirms that the rights and remedies of the Holder with respect to the security interest in the Trademark Collateral and the Patent Collateral made and granted hereby are more fully set forth in the Purchase Agreement and Security Agreement, the terms and provisions of which are incorporated herein by reference.

[SIGNATURE PAGE IMMEDIATELY FOLLOWS]

Company has caused this Patent and Trademark Security Agreement to be duly executed by its duly authorized officer thereunto as of the date first set forth above.

HOLDER:

DMRJ, LLC



By: _____
Name: _____
Title: _____

COMPANY:

SENETEK PLC

By: _____
Name: _____
Title: _____

CARME COSMECEUTICAL SCIENCES, INC.

By: _____
Name: _____
Title: _____

SIGNATURE PAGE TO PATENT AND TRADEMARK SECURITY AGREEMENT

Company has caused this Patent and Trademark Security Agreement to be duly executed by its duly authorized officer thereunto as of the date first set forth above.

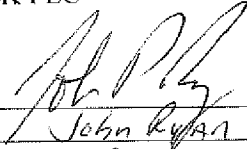
HOLDER:

DMRJ, LLC

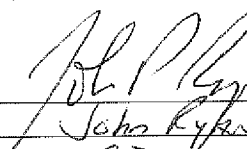
By: _____
Name: _____
Title: _____

COMPANY:

SENETEK PLC

By:  _____
Name: John Ryan
Title: CEO

CARME COSMECEUTICAL SCIENCES, INC.

By:  _____
Name: John Ryan
Title: CEO

SIGNATURE PAGE TO PATENT AND TRADEMARK SECURITY AGREEMENT

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SCHEDULE 1
TRADEMARK COLLATERAL¹

Registered Trademarks & Pending Trademark Applications:

| Jurisdiction | Trademark | Status Serial/Reg. Nos. | Goods/Services | Owner |
|-------------------------------|---|---|---|--|
| US Federal | CARME (Stylized)  | Renewed SN:74-157501 RN:1,685,933 | (Int'l Class: 3) Hair shampoo and hair conditioner | Carme Cosmeceutical Sciences, Inc. (Delaware Corp.) 620 Airpark Road Napa, California 94558 |
| US Federal | CARME (Stylized)  | Renewed SN:74-157502 RN:1,683,555 | (Int'l Class: 3) Skin creams, skin cleansing cream, and sun screen preparation | Carme Cosmeceutical Sciences, Inc. (Delaware Corp.) 620 Airpark Road Napa, California 94558 |
| US Federal | INVICORP | Registered 8 & 15 SN:75-175235 RN:2,537,523 | (Int'l Class: 5) Pharmaceutical preparation for treating penile impotence, namely, penile erectile failure | Senetek Plc (England Corp.) |
| Canada | CARME | Renewed SN: 0475374 RN: TMA271052 | (Int'l Class: 5) Creams, lotions, oils, shampoos, conditioners, emulsions and moisturizers, soaps and lotion soaps. | Carme Cosmeceutical Sciences, Inc. (Delaware Corp.) 620 Airpark Road Napa, California 94558 |
| Canada | INVICORP | Pending SN:1405041-00 | (Int'l Class: 5) (1) Pharmaceutical preparations, namely, preparations for treating penile erectile failure. | SENETEK PLC, a British public limited company 831 Latour Court, Suite A Napa, California 94558 UNITED STATES |
| European Community | INVICORP | Registered SN:66365 | (Int'l Class: 5) Pharmaceutical preparations and substances for treating sexual dysfunction. | Senetek Plc 23 Palace Street London SW1E 5 HW United Kingdom |
| European Community | RIGICORP | Registered SN:334839 | (Int'l Class: 5) Pharmaceutical, veterinary and sanitary preparations and substances. | Senetek Plc 23 Palace Street London SW1E 5 HW United Kingdom |

| Jurisdiction | Trademark | Status Serial/Reg. Nos. | Goods/Services | Owner |
|--------------|------------|----------------------------|---|---|
| Australia | INVICORP | Registered SN:896624 | (Int'l Class: 05) Pharmaceutical, veterinary and sanitary preparations and substances; preparations and substances for treating impotence and penile erectile failure. | Senetek PLC 23 Palace Street London , SW1E 5HW, United Kingdom |
| Australia | RIGICORP | Registered SN:725351 | (Int'l Class: 05) Pharmaceutical, veterinary and sanitary preparations and substances; preparations and substances for treating impotence and penile erectile failure. | Senetek PLC 23 Palace Street London , SW1E 5HW, United Kingdom |
| New Zealand | INVICORP | Registered SN:675195 | (Int'l Class: 05) pharmaceutical, veterinary and sanitary preparations and substances; preparations and substances for treating impotence and penile erectile failure; in this class | SENETEK PLC 620 Airpark Road, Napa, California 94558, United States of America, United States (States) |
| China | ADRENAJECT | Registered RN:1385267 | Int'l Class(es): 10 Goods/Services (Translation): Is loaded with on the bone the gland element automatic injector | SENETEK PLC US, Missouri state, Maryland high ground, Wealden main road 62A number 62A WELDON PARKWAY, MARYLAND HEIGHTS, MO 63043, U.S.A. |

SCHEDULE TO PATENT AND TRADEMARK SECURITY AGREEMENT

EASTN42830910.1

RECORDED: 03/26/2010

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