

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Notice of Grant of Security Interest in Trademarks

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Verenium Corporation		12/07/2012	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	Athyrium Opportunities Fund (A) LP
Street Address:	605 Fifth Avenue
Internal Address:	22nd Floor
City:	New York
State/Country:	NEW YORK
Postal Code:	10158
Entity Type:	LIMITED PARTNERSHIP: DELAWARE

PROPERTY NUMBERS Total: 15

Property Type	Number	Word Mark
Registration Number:	4136159	THE ENERGY OF NATURE
Registration Number:	3490178	ACCENTUASE
Registration Number:	2993233	COTTONASE
Registration Number:	3142892	LUMINASE
Registration Number:	3706903	VERENIUM
Registration Number:	3773475	VERENIUM
Registration Number:	3562414	THE NATURE OF ENERGY
Registration Number:	3935089	XYLATHIN
Registration Number:	3815450	VERETASE
Registration Number:	3373534	FUELZYME
Registration Number:	2474025	PYROLASE
Registration Number:	2396696	DIVERSA
Serial Number:	85747369	ERADICAKE

OP \$390.00 4136159

Serial Number:	85570711	INDUSTRY, EVOLVED.
Serial Number:	85551310	VEREPHY

CORRESPONDENCE DATA

Fax Number: 9194168328
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
Phone: 9192868041
Email: pto_tmconfirmation@mvalaw.com
Correspondent Name: Moore & Van Allen PLLC
Address Line 1: 430 Davis Drive
Address Line 2: Suite 500
Address Line 4: Morrisville, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER:	036251-008 JES
NAME OF SUBMITTER:	John E. Slaughter
Signature:	/John E. Slaughter/
Date:	12/11/2012

Total Attachments: 4
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NOTICE
OF
GRANT OF SECURITY INTEREST
IN
TRADEMARKS

United States Patent and Trademark Office

Ladies and Gentlemen:

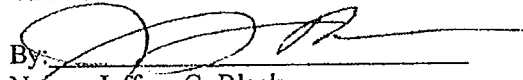
Please be advised that pursuant to the Security Agreement dated as of December 7, 2012 (as the same may be amended, modified, restated or supplemented from time to time, the "Security Agreement") by and among the Grantors from time to time party thereto (each a "Grantor" and collectively, the "Grantors") and Athyrium Opportunities Fund (A) LP, as Administrative Agent (the "Administrative Agent") for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon, the trademarks, trademark licenses and trademark applications set forth on Schedule 1 attached hereto to the Administrative Agent for the ratable benefit of the Secured Parties.

The undersigned Grantor and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the trademarks, trademark licenses and trademark applications set forth on Schedule 1 attached hereto (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any trademark, trademark license or trademark application.

[Signature Pages Follow]

Very truly yours,

VERENIUM CORPORATION

By: 

Name: Jeffrey G. Black

Title: Senior Vice President and
Chief Financial Officer

VERENIUM CORPORATION
NOTICE OF GRANT OF SECURITY INTEREST IN TRADEMARKS

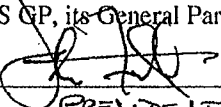
TRADEMARK
REEL: 004916 FRAME: 0673

Acknowledged and Accepted:

ATHYRIUM OPPORTUNITIES FUND (A) LP,
a Delaware limited partnership

By: ATHYRIUM OPPORTUNITIES
ASSOCIATES LLC, its General Partner

By: ATHYRIUM OPPORTUNITIES
ASSOCIATES GP, its General Partner

By:  _____
Title: PRESIDENT

VERENIUM CORPORATION
NOTICE OF GRANT OF SECURITY INTEREST IN TRADEMARKS

TRADEMARK
REEL: 004916 FRAME: 0674

Schedule 1

Verenium Corporation
(Delaware Corporation)

U.S. Trademarks

Registered Marks

Mark	Reg. No.	Reg. Date
THE ENERGY OF NATURE	4136159	05/01/12
ACCENTUASE	3490178	08/19/08
COTTONASE	2993233	09/06/05
LUMINASE	3142892	09/12/06
VERENIUM and Design	3706903	11/03/09
VERENIUM	3773475	04/06/10
THE NATURE OF ENERGY	3562414	01/13/09
XYLATHIN	3935089	03/22/11
VERETASE	3815450	07/06/10
FUELYME	3373534	01/22/08
PYROLASE	2474025	07/31/01
DIVERSA	2396696	10/24/00

Pending Applications

Mark	Appl. No.	Filing Date
ERADICAKE	85747369	10/05/12
INDUSTRY, EVOLVED	85570711	03/15/12
VEREPHY	85551310	02/23/12