PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4077911

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| RHEOGENE, INC. | 01/03/2007 |

RECEIVING PARTY DATA

| Name: | INTREXON CORPORATION |
|-------------------|----------------------|
| Street Address: | 1750 KRAFT DRIVE |
| Internal Address: | SUITE 1400 |
| City: | BLACKSBURG |
| State/Country: | VIRGINIA |
| Postal Code: | 24060 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 10468200 |

CORRESPONDENCE DATA

Fax Number: (202)371-2540

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: 202.371.2600

Email: khoover@skgf.com, vbartels@skgf.com

Correspondent Name: STERNE, KESSLER, GOLDSTEIN & FOX PLLC

Address Line 1: 1100 NEW YORK AVENUE, NW Address Line 4: WASHINGTON, D.C. 20005

| ATTORNEY DOCKET NUMBER: | 2584.0180003/RWE/KKH/BMB | |
|-------------------------|-----------------------------------|--|
| NAME OF SUBMITTER: | KENLEY K. HOOVER | |
| SIGNATURE: | /Kenley K. Hoover, Reg. No 40302/ | |
| DATE SIGNED: | 09/30/2016 | |

Total Attachments: 1

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PATENT 504031251 REEL: 039910 FRAME: 0837

COMMONWEALTH OF VIRGINIA STATE CORPORATION COMMISSION

AT RICHMOND, JANUARY 3, 2007

The State Corporation Commission finds the accompanying articles submitted on behalf of

Intrexon Corporation

comply with the requirements of law and confirms payment of all required fees. Therefore, it is ORDERED that this

CERTIFICATE OF MERGER AND RESTATEMENT

be issued and admitted to record with the articles of merger in the Office of the Clerk of the Commission, effective January 3, 2007. Each of the following:

RHEOGENE, INC. (A DE CORP NOT QUALIFIED IN VA)

is merged into Intrexon Corporation, which continues to exist under the laws of VIRGINIA with the name Intrexon Corporation, and the separate existence of each non-surviving entity ceases.

STATE CORPORATION COMMISSION

Commissioner

MERGACPT CIS0322 07-01-03-0512

> PATENT REEL: 039910 FRAME: 0838

RECORDED: 09/30/2016