505220813 12/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5267581

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/31/2011

CONVEYING PARTY DATA

Name	Execution Date
DIVERGENCE, INC.	08/30/2011

RECEIVING PARTY DATA

Name:	MONSANTO COMPANY
Street Address:	800 N. LINDBERGH BOULEVARD
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63167

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	12467826
Application Number:	13788532
Application Number:	13110487
Application Number:	12467808
Application Number:	14045077

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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: 312 913 0001 Email: allen@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

300 SOUTH WACKER DRIVE, SUITE 3100 Address Line 1:

Address Line 4: CHICAGO, ILLINOIS 60606

NAME OF SUBMITTER:	EMILY MIAO
SIGNATURE: /	/Emily Miao/
DATE SIGNED:	12/05/2018

Total Attachments: 2

PATENT REEL: 047680 FRAME: 0006 source=CertificateofMergerdocument#page1.tif source=CertificateofMergerdocument#page2.tif

> PATENT REEL: 047680 FRAME: 0007

Delaware
The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"DIVERGENCE, INC.", A DELAWARE CORPORATION,

WITH AND INTO "MONSANTO COMPANY" UNDER THE NAME OF "MONSANTO COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE THIRTY-FIRST DAY OF AUGUST, A.D. 2011, AT 12:44 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2011 AT 11:59 O'CLOCK P.M.

3174788 8100M SR# 20175005569

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 202800064 Date: 06-28-17

PATENT REEL: 047680 FRAME: 0008 State of Delaware Secretary of State Division of Corporations Delivered 12:44 PM 08/31/2011 FILED 12:44 PM 08/31/2011 SRV 110968645 - 3174788 FILE

CERTIFICATE OF OWNERSHIP AND MERGER

OF

DIVERGENCE, INC. (a Delaware corporation)

INTO

MONSANTO COMPANY

(a Delaware corporation)

Pursuant to Section 253 of the General Corporation Law of Delaware

It is hereby certified that:

- 1. Monsanto Company (hereinafter sometimes referred to as "Monsanto") was incorporated on February 9, 2000, pursuant to the General Corporation Law of the State of Delaware ("DGCL").
- 2. Monsanto is the owner of all of the issued and outstanding shares of the stock of Divergence, Inc. (hereinafter referred to as "Divergence"), a corporation incorporated on June 15, 1999 pursuant to DGCL.
- 3. On August 3, 2011, the Board of Directors of Monsanto duly adopted the following resolution:

RESOLVED, that the Merger of Divergence, Inc. with and into Monsanto, whereby Monsanto will be the surviving entity, is approved and declared advisable.

The merger is to become effective at 11:59 p.m. EST on August 31, 2011.

IN WITNESS WHEREOF, said parent corporation has caused this certificate to be signed by an authorized officer the 20th day of August, 2011.

MONSANTO COMPANY

Jengifer L. Woodis, Assistant Secretary

3670371.2

PATENT REEL: 047680 FRAME: 0009

RECORDED: 12/05/2018