

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4211982

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER AND CHANGE OF NAME
EFFECTIVE DATE:	12/29/2016

CONVEYING PARTY DATA

Name	Execution Date
HEADWATER PARTNERS I LLC	12/29/2016

NEWLY MERGED ENTITY DATA

Name	Execution Date
HEADWATER MANAGEMENT LLC	12/29/2016

MERGED ENTITY'S NEW NAME (RECEIVING PARTY)

Name:	HEADWATER RESEARCH LLC
Street Address:	1011 PRUITT PLACE
City:	TYLER
State/Country:	TEXAS
Postal Code:	75703

PROPERTY NUMBERS Total: 52

Property Type	Number
Application Number:	12380779
Application Number:	12380758
Application Number:	14565889
Application Number:	13866955
Application Number:	14959808
Application Number:	15211430
Application Number:	15239398
Application Number:	12380770
Application Number:	12380783
Application Number:	14335682
Application Number:	14612073
Application Number:	15280922
Application Number:	14948065
Application Number:	14037321
Application Number:	15287576

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Property Type	Number
Application Number:	14158206
Application Number:	15210619
Application Number:	14960284
Application Number:	14952374
Application Number:	14082040
Application Number:	14687707
Application Number:	14687715
Application Number:	15220184
Application Number:	14703620
Application Number:	14473137
Application Number:	15162469
Application Number:	14551809
Application Number:	14578124
Application Number:	15287603
Application Number:	14272274
Application Number:	15158522
Application Number:	15160520
Application Number:	15287597
Application Number:	14541628
Application Number:	14339110
Application Number:	15227814
Application Number:	13441821
Application Number:	15369542
Application Number:	13451337
Application Number:	13802483
Application Number:	13842172
Application Number:	14948082
Application Number:	15177962
Application Number:	13748152
Application Number:	14208236
Application Number:	15158526
Application Number:	13947099
Application Number:	14214492
Application Number:	14181910
Application Number:	14275805
Application Number:	14083324
Application Number:	15279990

CORRESPONDENCE DATA**Fax Number:**

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: 903-201-6211**Email:** patent@headwaterllc.com**Correspondent Name:** ANN TAYLOR**Address Line 1:** 1011 PRUITT PLACE**Address Line 4:** TYLER, TEXAS 75703

NAME OF SUBMITTER:	ANN TAYLOR
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SIGNATURE:	/Ann Taylor/
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DATE SIGNED:	01/05/2017
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Total Attachments: 3

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Delaware

The First State

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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 MERGER, WHICH MERGES:

"HEADWATER PARTNERS I LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "HEADWATER MANAGEMENT LLC" UNDER THE NAME OF "HEADWATER RESEARCH LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE TWENTY-NINTH DAY OF DECEMBER, A.D. 2016, AT 3:02 O`CLOCK P.M.




Jeffrey W. Bullock, Secretary of State

4966025 8100M
SR# 20167326785

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

Authentication: 203606635
Date: 12-29-16

PATENT
REEL: 041268 FRAME: 0111

CERTIFICATE OF MERGER

MERGING

**HEADWATER PARTNERS I LLC
A DELAWARE LIMITED LIABILITY COMPANY**

WITH AND INTO

**HEADWATER MANAGEMENT LLC
A DELAWARE LIMITED LIABILITY COMPANY**

Pursuant to Section 18-209 of the Delaware Limited Liability Company Act

Headwater Management LLC, a Delaware limited liability company (the “**LLC**”), does hereby certify as follows:

FIRST: The LLC is a limited liability company duly formed and existing under the laws of the State of Delaware and Headwater Partners I LLC (the “**Company**”) is a limited liability company duly formed and existing under the laws of the State of Delaware.

SECOND: The Agreement and Plan of Merger (the “**Merger Agreement**”), dated as of December 29, 2016, by and among the Company and the LLC, setting forth the terms and conditions of the merger of the Company with and into the LLC (the “**Merger**”), has been approved, adopted, certified, executed and acknowledged by the LLC and the Company in accordance with Section 18-209 of the Delaware Limited Liability Company Act.

THIRD: The LLC shall be the surviving entity of the Merger (the “**Surviving LLC**”) and the name of the Surviving LLC shall be changed to “**Headwater Research LLC**”.

FOURTH: The executed Merger Agreement is on file at the principal place of business and office of the Surviving LLC at the following address: 1011 Pruitt Place, Tyler, Texas 75703.

FIFTH: A copy of the Merger Agreement will be furnished by the Surviving LLC, on request and without cost, to any member of the Company or the LLC.

SIXTH: The Merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.

* * *

IN WITNESS WHEREOF, Headwater Management LLC has caused this Certificate of Merger to be executed by an authorized person on December 29, 2016.

HEADWATER MANAGEMENT LLC

By: /s/ Greg Raleigh

Name: Greg Raleigh

Title: Manager

[Signature Page to Certificate of Merger]