

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4767702

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMS RESEARCH CORPORATION	12/17/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMS RESEARCH, LLC
<b>Street Address:</b>	10700 BREN ROAD WEST
<b>City:</b>	MINNETONKA
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55343
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15149692
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)470-6464
<i>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.</i>	
<b>Phone:</b>	2024706461
<b>Email:</b>	becky@brakehughes.com
<b>Correspondent Name:</b>	BRAKE HUGHES BELLERMANN LLP
<b>Address Line 1:</b>	1701 PENNSYLVANIA AVE NW
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	0073-470003
<b>NAME OF SUBMITTER:</b>	TIMOTHY D. FORD
<b>SIGNATURE:</b>	/Timothy D. Ford, Reg. No. 47567/
<b>DATE SIGNED:</b>	01/09/2018
<b>Total Attachments: 6</b>	
source=0073-470003_Name Change_executed (AMS Research Corp to AMS Research LLC)#page1.tif	
source=0073-470003_Name Change_executed (AMS Research Corp to AMS Research LLC)#page2.tif	
source=0073-470003_Name Change_executed (AMS Research Corp to AMS Research LLC)#page3.tif	
source=0073-470003_Name Change_executed (AMS Research Corp to AMS Research LLC)#page4.tif	
source=0073-470003_Name Change_executed (AMS Research Corp to AMS Research LLC)#page5.tif	



# Delaware

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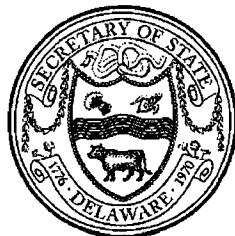
*The First State*


I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "AMS RESEARCH CORPORATION" TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "AMS RESEARCH CORPORATION" TO "AMS RESEARCH, LLC", FILED IN THIS OFFICE ON THE SEVENTEENTH DAY OF DECEMBER, A.D. 2014, AT 4:24 O'CLOCK P.M.

2451184 8100V

141551814

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 1969031

DATE: 12-17-14

PATENT  
REEL: 045032 FRAME: 0577

**CERTIFICATE OF CONVERSION  
FROM A CORPORATION  
TO LIMITED LIABILITY COMPANY**

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Pursuant to Sections 18-204 and 18-214 of the  
Delaware Limited Liability Company Act  
and Section 266 of the  
General Corporation Law of the State of Delaware

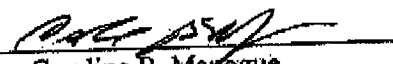
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1. The name of the Corporation immediately prior to the filing of this Certificate of Conversion is AMS Research Corporation.
2. The Corporation was originally incorporated on the 9<sup>th</sup> day of November, 1994 under the laws of the State of Delaware. The Corporation's jurisdiction of incorporation immediately prior to the filing of this Certificate of Conversion is the State of Delaware.
3. The name of the limited liability company into which the Corporation shall be converted, as set forth in its Certificate of Formation, is AMS Research, LLC.
4. The Conversion has been approved in accordance with the provisions of Section 266 of the General Corporation Law of the State of Delaware.

**[SIGNATURE PAGE FOLLOWS]**

**IN WITNESS WHEREOF**, the Corporation has caused this  
Certificate of Conversion to be executed in its name this 17<sup>th</sup> day of December, 2014.

**AMS RESEARCH CORPORATION**

By:   
Name: Caroline B. Manogue  
Title: Executive Vice President, Chief  
Legal Officer and Secretary

[Signature Page for Certificate of Conversion]

1142346-NYCSR03A - MSW

**PATENT**  
**REEL: 045032 FRAME: 0579**

# Delaware

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*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "AMS RESEARCH, LLC" FILED IN THIS OFFICE ON THE SEVENTEENTH DAY OF DECEMBER, A.D. 2014, AT 4:24 O'CLOCK P.M.



2451184 8100V

141551814

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 1969031

DATE: 12-17-14

PATENT  
REEL: 045032 FRAME: 0580

**CERTIFICATE OF FORMATION**


**OF**

**AMS RESEARCH, LLC**

1. The name of the limited liability company is AMS Research, LLC.
2. The address of its registered office in the State of Delaware is 1209 Orange Street, in the City of Wilmington, County of New Castle, 19801. The name of its registered agent at such address is The Corporation Trust Company.

**[SIGNATURE PAGE FOLLOWS]**

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation this 17<sup>th</sup> day of December, 2014.

By:   
Name: Caroline B. Manogue  
Title: Executive Vice President, Chief  
Legal Officer and Secretary

[Signature Page for Certificate of Formation]

1142354-NYCSR03A - MSW

RECORDED: 01/09/2018

PATENT  
REEL: 045032 FRAME: 0582