

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4264738

<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>
VERENIUM CORPORATION	11/01/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BASF ENZYMES LLC
<b>Street Address:</b>	3550 JOHN HOPKINS COURT
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8338131
<b>Patent Number:</b>	7659102
<b>Patent Number:</b>	7323336
<b>Patent Number:</b>	7273740
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	858 431 8588
<b>Email:</b>	VER-IP@BASF.COM
<b>Correspondent Name:</b>	BASF ENZYMES LLC
<b>Address Line 1:</b>	3550 JOHN HOPKINS COURT
<b>Address Line 2:</b>	INTELLECTUAL PROPERTY
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121
<b>ATTORNEY DOCKET NUMBER:</b>	4 PATENTS - VRNM-BASFE
<b>NAME OF SUBMITTER:</b>	RICK DE LA TORRE
<b>SIGNATURE:</b>	/Rick de la Torre/
<b>DATE SIGNED:</b>	02/08/2017
<b>Total Attachments: 5</b>	
source=2014-11-01 - Certificates of FORMATION and CONVERSION BASF Enzymes LLC#page1.tif	
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# Delaware

PAGE 2

*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 "BASF ENZYMES LLC" FILED IN THIS OFFICE ON THE TWENTY-FOURTH DAY OF OCTOBER, A.D. 2014, AT 6:17 O'CLOCK P.M.

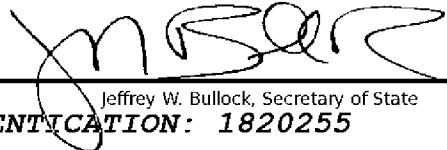
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE FIRST DAY OF NOVEMBER, A.D. 2014, AT 12:01 O'CLOCK A.M.

2319755 8100V

141334007

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: 1820255

DATE: 10-29-14

PATENT  
REEL: 041656 FRAME: 0893

STATE of DELAWARE  
LIMITED LIABILITY COMPANY  
CERTIFICATE of FORMATION  
Of  
BASF ENZYMES LLC


This Certificate of Formation of **BASF Enzymes LLC** ("**LLC**"), dated as of October 24, 2014, is being duly executed and filed by Debra L. Goldsmith, as an authorized person, to form a limited liability company under the Delaware Limited Liability Company Act (Del. Code Ann. Tit. 6, §§ 18-201).

**FIRST.** The name of the limited liability company formed hereby is BASF Enzymes LLC.

**SECOND.** The address of its registered office in the State of Delaware is Corporation Trust Center, 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.

**THIRD.** The formation of the limited liability company shall be effective on November 1, 2014 at 12:01 a.m.

**IN WITNESS WHEREOF**, the undersigned has executed and filed this Certificate of Formation as of the date first above written.

By:   
Debra L. Goldsmith  
Authorized Person

# Delaware

PAGE 1

*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 "VERENIUM CORPORATION" TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "VERENIUM CORPORATION" TO "BASF ENZYMES LLC", FILED IN THIS OFFICE ON THE TWENTY-FOURTH DAY OF OCTOBER, A.D. 2014, AT 6:17 O'CLOCK P.M.

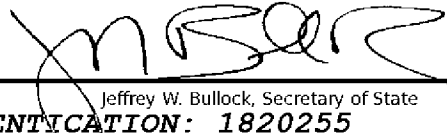
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE FIRST DAY OF NOVEMBER, A.D. 2014, AT 12:01 O'CLOCK A.M.

2319755 8100V

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at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 1820255

DATE: 10-29-14

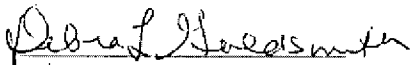
PATENT  
REEL: 041656 FRAME: 0895

STATE OF DELAWARE  
CERTIFICATE OF CONVERSION  
FROM  
VERENIUM CORPORATION  
TO  
BASF ENZYMES LLC  
PURSUANT TO SECTION 18-214 OF THE LIMITED LIABILITY ACT

This Certificate of Conversion to Limited Liability Company, dated as of October 24, 2014, is being duly executed and filed by an authorized person, to convert Verenum Corporation (the "Corporation") to a Delaware limited liability company, under the Delaware Limited Liability Company Act (Del. Code Ann. Tit. 6, §§ 18-101 *et. seq.*) (the "Act") and the General Corporation Law of the State of Delaware (Del. Code Ann. Tit. 8, §§101, *et. seq.*) (the "DGCL").

1. The Corporation filed its original certificate of incorporation with the Secretary of State of the State of Delaware on December 21, 1992, under the name Industrial Genome Sciences, Inc.
2. The name of the Corporation immediately prior to the filing of this Certificate of Conversion to Limited Liability Company was Verenum Corporation.
3. The name of the limited liability company formed into which the Corporation shall be converted as set forth in its Certificate of Formation is BASF Enzymes LLC.
4. The conversion of the Corporation to a limited liability company shall be effective on November 1, 2014 at 12:01 a.m.
5. The conversion of the Corporation to a limited liability company has been approved in accordance with the provisions of Section 266 of the DGCL and Section 18-214 of the Act.
6. When the Corporation has been converted to a Delaware limited liability company pursuant to Section 18-214 of the Delaware Limited Liability Company Act and to Section 266 of the General Corporation Law of the State of Delaware, the limited liability company will, for all purposes of the laws of the State of Delaware, be the same entity as the converting Corporation. For all purposes of the laws of the State of Delaware, the rights, privileges, powers and interest in property of the converting Corporation, as well as the debts, liabilities and duties of the Corporation, will not, as a consequence of the conversion, be transferred to the Delaware limited liability company; the converting Corporation will not wind up its affairs or pay its liabilities and distribute its assets; the conversion will not constitute a dissolution of the Corporation; and the conversion will constitute a continuation of the existence of the converting Corporation in the form of a Delaware limited liability company.

**IN WITNESS WHEREOF**, the undersigned has executed and filed this Certificate of Conversion as of the date first above written.

By:   
Debra L. Goldsmith  
Authorized Person