

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|--|-----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Dow Global Technologies INC | 12/31/2010 |
| RECEIVING PARTY DATA | |
| Name: | Dow Global Technologies LLC |
| Street Address: | 2040 Dow Center |
| City: | Midland |
| State/Country: | MICHIGAN |
| Postal Code: | 48674 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12389598 |
| CORRESPONDENCE DATA | |
| Fax Number: | (989)636-3237 |
| Phone: | 9896361555 |
| Email: | ajlanphier@dow.com |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Correspondent Name: | Amy J Lanphierd |
| Address Line 1: | 2040 Dow Center |
| Address Line 4: | Midland, MICHIGAN 48674 |
| ATTORNEY DOCKET NUMBER: | 67170B US NP |
| NAME OF SUBMITTER: | Amy J Lanphierd |
| Total Attachments: 6 source=67170B US NP 20120411 HX DGTL to DGTL#page1.tif source=67170B US NP 20120411 HX DGTL to DGTL#page2.tif source=67170B US NP 20120411 HX DGTL to DGTL#page3.tif source=67170B US NP 20120411 HX DGTL to DGTL#page4.tif source=67170B US NP 20120411 HX DGTL to DGTL#page5.tif source=67170B US NP 20120411 HX DGTL to DGTL#page6.tif | |

CH \$40.00 12389598

TO: DOBRUSIN & THENNISCH PC COMPANY: 29 W. LAWRENCE STREET, SUITE 210



UNITED STATES PATENT AND TRADEMARK OFFICE

 UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
 DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE


JUNE 10, 2009

5008813154

PTAS

 DOBRUSIN & THENNISCH PC
 29 W. LAWRENCE STREET, SUITE 210
 PONTIAC, MI 48342

 UNITED STATES PATENT AND TRADEMARK OFFICE
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT *MM*

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/09/2009

 REEL/FRAME: 022800/0740
 NUMBER OF PAGES: 3

 BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
 DOCKET NUMBER: 67170B

ASSIGNOR:

SOUKHOJAK, ANDREY N.

DOC DATE: 04/27/2009

ASSIGNOR:

BANK, DAVID H.

DOC DATE: 05/04/2009

ASSIGNOR:

SEHANOBISH, KALYAN

DOC DATE: 05/07/2009

ASSIGNEE:

 DOW GLOBAL TECHNOLOGIES INC.
 2040 DOW CENTER
 MIDLAND, MICHIGAN 48674

SERIAL NUMBER: 12389598

FILING DATE: 02/20/2009

PATENT NUMBER:

ISSUE DATE:

TITLE: HEAT STORAGE DEVICES

TO: DOBRUSIN & THENNISCH PC COMPANY: 29 W. LAWRENCE STREET, SUITE 210

022800/0740 PAGE 2

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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 "DOW GLOBAL TECHNOLOGIES LLC" FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

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




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8457755

DATE: 12-29-10

PATENT
REEL: 028026 FRAME: 0887

State of Delaware
Secretary of State
Division of Corporations
Delivered 10:40 AM 12/23/2010
FILED 10:40 AM 12/23/2010
SRV 101227862 - 2332072 FILE

Certificate of Formation
of
Dow Global Technologies LLC

This Certificate of Formation of Dow Global Technologies LLC has been duly executed and is being filed by Noreen D. Warrick, as an authorized representative, to form a limited liability company under the Delaware Limited Liability Company Act (6 Del.C. §18-101, et seq.).

1. The name of the limited liability company is:

Dow Global Technologies LLC
2. The address of the limited liability company's registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of the limited liability company's registered agent for service of process in the State of Delaware at such address is the Corporation Trust Company.
3. The effective date for the formation of this limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of Dow Global Technologies LLC this 23rd day of December, 2010.

Noreen D. Warrick
Noreen D. Warrick
Authorized Representative

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 "DOW GLOBAL TECHNOLOGIES INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "DOW GLOBAL TECHNOLOGIES INC." TO "DOW GLOBAL TECHNOLOGIES LLC", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A. D. 2010, AT 10:40 O'CLOCK A.M.


AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A. D. 2010.

2332072 8100V

101227862

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




jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8457755

DATE: 12-29-10

PATENT
REEL: 028026 FRAME: 0889

State of Delaware
Secretary of State
Division of Corporations
Delivered 10:40 AM 12/23/2010
FILED 10:40 AM 12/23/2010
SRV 101227862 - 2332072 FILE

Certificate of Conversion
of
Dow Global Technologies Inc.
(a Delaware corporation)
to
Dow Global Technologies LLC
(a Delaware limited liability company)

Pursuant to Section 18-214 of the Limited Liability Company Act

Dow Global Technologies Inc., a Delaware corporation (the "Corporation"), files this Certificate of Conversion (the "Certificate") and hereby certifies the following:

1. The jurisdiction where the Corporation was first formed is Delaware.
2. The jurisdiction immediately prior to filing this Certificate is Delaware.
3. The date the Corporation was first formed is April 6, 1993.
4. The name of the Corporation immediately prior to filing this Certificate is Dow Global Technologies Inc.
5. The name of the limited liability company as set forth in the Certificate of Formation is Dow Global Technologies LLC.
6. The future effective date of the conversion to a limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 23rd day of December, 2010.

Dow Global Technologies Inc.

By: Noreen D. Warrick
Name: Noreen D. Warrick
Title: Secretary