503404470 07/23/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3451104

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
DOW GLOBAL TECHN	OLOGIES LLO	2	07/20/2015	
RECEIVING PARTY DA	-			
Name: Street Address:	2030 DOW	CUBE IP LLC		
		GENTER		
City:	MIDLAND			
State/Country:	MICHIGAN			
Postal Code:	48674			
PROPERTY NUMBERS	S Total: 13			
Property Type		Number		
Application Number:	142	37185		
Application Number:	135	03662		
Application Number:	145	1538281		
		4365753		
		74944		
Application Number:	135	76062		
Application Number:	139	90257		
Application Number:	140	6312		
••		69358		
Application Number:	135	33816		
Application Number:	138	05022		
Application Number: 1369		96814		
Application Number:	137	01837		
Fax Number:	•)636-3237		
		e-mail address first; if that is t that is unsuccessful, it will be s		
using a fax number, if	000	636-7934		
using a fax number, if Phone:	989-			
-		ertz@dow.com		
Phone:	ksw KAT	ertz@dow.com HY WERTZ DOW CENTER		

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REEL: 036160 FRAME: 0606

Address Line 4: MI	DLAND, MICHIGAN 48674
ATTORNEY DOCKET NUMBER:	BLUE CUBE PHASE THREE
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	07/23/2015
Total Attachments: 3	
source=69435-US-PCT 20150723 KS	W Assignment DGTL to Blue Cube IP LLC#page1.tif
source=69435-US-PCT 20150723 KS	SW Assignment DGTL to Blue Cube IP LLC#page2.tif

source=69435-US-PCT 20150723 KSW Assignment DGTL to Blue Cube IP LLC#page3.tif

This Assignment 990 is in the ENGLISH language and has the same meaning in other languages with the same 990 number.

This Assignment 990 is in the ENGLISH language and has the same meaning in other languages with the same 990 number.

ASSIGNMENT

(TRANSFER)

We, ASSIGNOR: DOW GLOBAL TECHNOLOGIES LLC of: 2040 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we are the recorded owner of the following Patent Application(s) or Letters Patent(s) and other rights and powers obtainable or exercisable in respect thereof as numbered in UNITED STATES OF AMERICA Application/Patent No(s).:

SEE ATTACHED APPENDIX A

We do hereby, for good and valuable consideration received, sell, assign and transfer unto:

ASSIGNEE: BLUE CUBE IP LLC of: 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA

a corporation organized and existing under the laws of Delaware our entire right, title and interest in and to the said Patent Application(s) or Letters Patent(s), and consent to the recordal of this Assignment.

ASSIGNOR

Subscribed and Sworn by us:

At Midland, Michigan USA

By

CORP. SEAU

this 20^{M} day of \leq 2015

DOW GLOBAL TECHNOLOGIES LLC

Alt Maria Susan M. Zerull Authorized Representative

Accepted by us:

At Midland, Michigan USA

this 25t day of Jul 2015 BLUE CUBE IP LLC

ASSIGNEE

By Darryl P. Frickey

Vice President

This Notatial Certificate 356 is in the ENGLISH language out has the same meaning in other languages with the same 550 number.

● 350 ● 350

This Notarial Confiftuate 550 is in the ENOLISH Inspirage and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AM	ERICA)	
STATE OF Michigan) SS	
County/Parish of Midland)	
Susan M. Zerull, Authorize	d Representativ	, 20 5, personally appeared before me, we ibed in and who executed the foregoing document
Transfer Assignment for and or	i behalf of Dow (Hobal Technologies LLC

and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Limited Liability Company incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated June 1, 2014, is based on a **Delegation of Signature Authority**, which I have seen, appointing the said individual with full power to sign the foregoing document on behalf of the said limited liability company and that the purposes for which said document is granted are within the scope of the objects or activities of said limited liability company.

SEAL	G	Notary Pi	Referen NGTARY PUBLIC,	Legherd x She Haingshout MICLAND COUNTY, MICHIGAN I EXPRES NOVEMBER 38, 2018	
y lanation y signature Maringa	NOTARI	AL CER	TIFICATE	(Corporation)	
UNITED ST. STATE OF N County/Paris	, we can a second se	ICA)) SS)			
Darryl P. Fr	ickey, Vice Presid	lent		, personally appeared h uted the foregoing documen	

Transfer Assignment for and on behalf of Blue Cube IP LLC

and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of **the State of Delaware**, **United States of America**.

I further certify that said authority, dated, is based on an Authorization Policy dated May 1, 2015, which I have seen, appointing the said individual with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL.

Notary Public

Attach Notarial Certificate (Corporation)

Dow Case Reference	Filing Date	Application Number	Grant Date	Grant Number
68149-US-PCT	7/19/2012	14/237185		
68152-US-PCT	12/1/2010	13/503662		
68285-US-CNT	11/11/2014	14/538281		
68798-US-PCT	12/6/2012	14/365753		
68902-US-PCT	1/27/2010	13/574944		
68983-US-PCT	2/10/2011	13/576062		
68991-US-PCT	10/19/2011	13/990257		
69034-US-DIV	10/4/2013	14/046312	1/13/2015	8933280
69118-US-NP	6/27/2011	13/169358		
69426-US-PCT	3/17/2011	13/583816		
69435-US-PCT	6/20/2011	13/805022		
69902-US-PCT	5/18/2011	13/696814		
70047-US-PCT	6/23/2011	13/701837		

APPENDIX A

Attach Notarial Certificate (Corporation)

RECORDED: 07/23/2015