PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2999520

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CORRECT ASSIGNEE UCHICAGO ARGONNE, LLC NAME AND ADDRESS TO UCHICAGO ARGONNE, LLC, 5801 SOUTH ELLIS AVENUE, CHICAGO, IL 60637 previously recorded on Reel 031501 Frame 0507. Assignor(s) hereby confirms the CORRECT ASSIGNEE UCHICAGO ARGONNE, LLC NAME AND ADDRESS TO UCHICAGO ARGONNE, LLC, 5801 SOUTH ELLIS AVENUE, CHICAGO, IL 60637.

CONVEYING PARTY DATA

Name	Execution Date
M. RAY FAIRCHILD	10/22/2013
RALPH S. TAYLOR	10/22/2013
CARL W. BERLIN	10/23/2013
CELINE WK WONG	10/22/2013
BEIHAI MA	10/22/2013
UTHAMALINGAM BALACHANDRAN	10/22/2013

RECEIVING PARTY DATA

Name:	DELPHI TECHNOLOGIES, INC.
Street Address:	P. O. BOX 5052
Internal Address:	M/C: 483-400-402
City:	TROY
State/Country:	MICHIGAN
Postal Code:	48007-5052
Name:	UCHICAGO ARGONNE, LLC
Street Address:	5801 SOUTH ELLIS AVENUE
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60637

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14065837

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: 2488131203 **PATENT**

502952922 REEL: 033645 FRAME: 0292

Email: kandace.k.powell@delphi.com

Correspondent Name: DELPHI TECHNOLOIGES, INC.
Address Line 1: DELPHI TECHNOLOGIES, INC.

Address Line 2: P. O. BOX 5052

Address Line 4: TROY, MICHIGAN 48007-5052

ATTORNEY DOCKET NUMBER: DP-321135

NAME OF SUBMITTER: LAWRENCE D. HAZELTON

SIGNATURE: /Lawrence D. Hazelton/

DATE SIGNED: 08/27/2014

Total Attachments: 8

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UNITED STATES PATENT AND TRADEMARK OFFICE

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

OCTOBER 30, 2013

PTAS

DELPHI TECHNOLOGIES, INC. P. O. BOX 5052 M/C: 483-400-402 TROY, MI 48007-5052 502549900

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

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE 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 ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/29/2013 REEL/FRAME: 031501/0507

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: DP-321135 Week

ASSIGNOR:

FAIRCHILD, M. RAY & DOC DATE: 10/22/2013

ASSIGNOR:

TAYLOR, RALPH S.& DOC DATE: 10/22/2013

ASSIGNOR:

ASSIGNOR:

WONG, CELINE WK

DOC DATE: 10/22/2013

ASSIGNOR:

MA, BEIHAI

DOC DATE: 10/22/2013

ASSIGNOR:

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV

REEL: 033645 FRAME: 0294

ASSIGNEE:

DELPHI TECHNOLOGIES, INC. P. O. BOX 5052 M/C: 483-400-402 TROY, MICHIGAN 48007-5052

ASSIGNEE:

UCHICAGO ARGONNE, LLC, OPERATOR OF ARGONNE NATIONAL LABORATORY ARGONNE NATIONAL LABORATORY LEGAL DEPARTMENT 9700 SOUTH CASS AVENUE, BLDG. 201 ARGONNE, ILLINOIS 60439-4832

APPLICATION NUMBER: 14065837

✓ PATENT NUMBER:

FILING DATE:

TITLE: PLZT CAPACITOR ON GLASS SUBSTRATE

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2595463

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
	10/22/2013
RALPH S. TAYLOR	10/22/2013
CARL W. BERLIN	10/23/2013
CELINE WK WONG	10/22/2013
BEIHAI MA	10/22/2013
UTHAMALINGAM BALACHANDRAN	10/22/2013

RECEIVING PARTY DATA

Name:	DELPHI TECHNOLOGIES, INC.	
Street Address:	P. O. BOX 5052	
Internal Address:	M/C: 483-400-402	
City:	TROY	
State/Country:	MICHIGAN	
Postal Code:	48007-5052	

Name:	UCHICAGO ARGONNE, LLC, OPERATOR OF ARGONNE NATIONAL LABORATORY
Street Address:	ARGONNE NATIONAL LABORATORY LEGAL DEPARTMENT
Internal Address:	9700 SOUTH CASS AVENUE, BLDG. 201
City:	ARGONNE
State/Country:	ILLINOIS
Postal Code:	60439-4832

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14065837

CORRESPONDENCE DATA

Fax Number:

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
	10/22/2013
RALPH S. TAYLOR	10/22/2013
CARL W. BERLIN	10/23/2013
CELINE WK WONG	10/22/2013
	10/22/2013
UTHAMALINGAM BALACHANDRAN	10/22/2013

RECEIVING PARTY DATA

Name:	DELPHI TECHNOLOGIES, INC.
Street Address:	P. O. BOX 5052
Internal Address:	M/C: 483-400-402
City:	TROY
State/Country:	MICHIGAN
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Internal Address:	9700 SOUTH CASS AVENUE, BLDG. 201
City:	ARGONNE
State/Country:	ILLINOIS
Postal Code:	60439-4832

PROPERTY NUMBERS Total: 1

Property Type	Number	

Application Number:	1406	5837			
CORRESPONDENCE DATA					
Correspondence will be sent via US Mail when the Correspondent Name: DELPHI TECH Address Line 1: P. O. BOX 50 Address Line 2: M/C: 483-400		HNOLOGIES, INC. 052			
ATTORNEY DOCKET NUMBER:		DP-321135			
NAME OF SUBMITTER:		LAWRENCE D. HAZELTON			
Signature:		/Lawrence D. Hazelton/			
Date:		10/29/2013			
Total Attachments: 3					

RECEIPT INFORMATION

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EPAS ID:

PAT2595463

Receipt Date:

10/29/2013

Fee Amount:

\$40

file://C:\Documents and Settings\vz6dmn\Local Settings\Temporary Internet Files Come... 10/29/2013 REEL: 033645 FRAME: 0298

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES, INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application DP-321135 entitled

PLZT CAPACITOR ON GLASS SUBSTRATE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize the Vice President of Delphi Technologies, Inc., or his designate, to insert the application number and filing date of said application here in parentheses (14/065, 83) filed 2900730) when known.

Inventor's signature	M. Koy James L.	DATE: _/0-22-/3
FULL NAME:	M. RAY FAIRCHILD	Declaration Dated:
Residence:	KOKOMO, INDIANA 46902	10-22-13
Inventor's signature	Aufl Dyl	DATE: <u>ZZ OCT ZOJ</u> 3
FULL NAME:	RALPH S. TAYLOR	Declaration Dated:
Residence:	NOBLESVILLE, INDIANA 46060	22 OET 2013
Inventor's signature FULL NAME:	Carl W. Berlin	DATE: <u>/0-23- Zo1</u> 3 Declaration Dated:

WEST LAFAYETTE, INDIANA 47906 /0-23-21/7

Residence:

Inventor's signature

WE

FULL NAME:

CELINE WK WONG

Residence:

KOKOMO, INDIANA 46902

DATE: <u>22074 (2</u>0/3

Declaration Dated:

220cf, 20/3

ASSIGNMENT

We, Beihai Ma of Naperville, and Uthamalingam Balachandran of Willowbrook, both in the State of Illinois, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the PLZT CAPACITOR ON GLASS SUBSTRATE. ANL reference IN-13-108, Attorney Docket No. DP-321135, executed by us and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent. Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to UChicago Argonne, LLC, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

	122/2013	434-111a
,	·	Beihai Ma
	0/22/2013	21 Bras
·	/	Uthamalingam Balachandran

STATE OF ILLINOIS

COUNTY OF DU PAGE-

On this day of (12), 2013, before me a Notary Public in and for the County and State aforesaid, appeared the above named persons, who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed same instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

OFFICIAL SEAL DEBBIE J KRAKOWSKI Notary Public - State of Illinois My Commission Expires Nov 20, 2015

RECORDED: 08/27/2014