505807698 12/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5854527

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DENSO INTERNATIONAL AMERICA, INC.	12/06/2019

RECEIVING PARTY DATA

Name:	DENSO INTERNATIONAL AMERICA, INC.	
Street Address:	24777 DENSO DRIVE	
Internal Address:	P.O. BOX 5047	
City:	SOUTHFIELD	
State/Country:	MICHIGAN	
Postal Code:	48086	
Name:	DENSO CORPORATION	
Street Address:	1-1, SHOWA-CHO,	
City:	KARIYA-CITY, AICHI-PREF.	
State/Country:	JAPAN	
Postal Code:	448-8661	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16417955

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ATTORNEY DOCKET NUMBER:	DENSO-115-A
NAME OF SUBMITTER:	CHRISTOPHER G. DARROW
SIGNATURE:	/CHRISTOPHER G. DARROW/

PATENT REEL: 051201 FRAME: 0636 505807698

DATE SIGNED: 12/06/2019

Total Attachments: 1
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PATENT REEL: 051201 FRAME: 0637

PATENT ASSIGNMENT

WHEREAS, DENSO International America, Inc., a Delaware Corporation, with a place of business at 24777 Denso Drive, P.O. Box 5047, Southfield, MI 48086 (hereinafter "ASSIGNOR"), is the owner of U.S. Patent Application No. 16/417955, for "Reflector-Based Illumination for a Glow Casting Border";

WHEREAS, ASSIGNOR desires to assign all right, title and interest in and to U.S. Patent Application No. 16/417955 titled "Reflector-Based Illumination for a Glow Casting Border" to **DENSO International America, Inc.**, a Delaware Corporation, with a place of business at 24777 Denso Drive, P.O. Box 5047, Southfield, MI 48086 and **DENSO CORPORATION**, a Japanese Corporation, with a place of business at 1-1, Showa-cho, Kariya-city, Aichi-pref., Japan 448-8661 (hereinafter "ASSIGNEES"); and

WHEREAS, ASSIGNEES are desirous of acquiring the entire right, title and interest in and to U.S. Patent Application No. 16/417955;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, ASSIGNOR agrees to assign, and hereby does assign, effective 05/21/2019, all right, title, and interest in and to U.S. Patent Application No. 16/417955, together with any reissues, reexaminations, and extensions thereof, including the right to sue for and to recover for past infringements thereof, unto said ASSIGNEES, their successors and assigns.

ASSIGNOR represents that at the time of execution of this Patent Assignment, ASSIGNOR is the owner of all right, title, and interest in and to U.S. Patent Application No. 16/417955, and that ASSIGNOR has not assigned, transferred, licensed or encumbered ASSIGNOR'S rights therein, and that ASSIGNOR will not hereafter assign or attempt to assign any rights therein, or take any other action inconsistent with this Patent Assignment.

ASSIGNOR agrees to execute such further documents and take such acts as reasonably required by ASSIGNEES or ASSIGNEES' successor(s) to secure and enforce ASSIGNEES' rights in U.S. Patent Application No. 16/417955, including but not limited to further assignments.

By:

| Jefferny T. Koscielny, Senior Manager, IP Counsel
| STATE OF MICHIGAN |) | ss: Southfield | Southfiel

Subscribed and sworn to before me on December 6, 2019.

RECORDED: 12/06/2019

Brenda M. Garrett, Notary Public, Wayne County, Michigan, acting in Oakland County My Commission Expires October 20, 2022

PATENT REEL: 051201 FRAME: 0638