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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY J. TALTY	02/12/2017
WALTER S. WALL	02/08/2017
JAMES H. SCHAFFNER	02/08/2017
HYOK JAE SONG	02/08/2017
DUANE S. CARPER	02/09/2017
ERAY YASAN	02/10/2017

RECEIVING PARTY DATA

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Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15431091

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ATTORNEY DOCKET NUMBER:	P036593-US-NP
NAME OF SUBMITTER:	JOHN A. MILLER
SIGNATURE:	/John A. Miller/
DATE SIGNED:	02/13/2017

Total Attachments: 4

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ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P036593-US-NP entitled

EMBEDDED BROADBAND GLASS COPLANAR WAVEGUIDE COUPLER

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 65798 to insert the application number and filing date of said application here in parentheses (15/431091 filed February 13, 2017) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

Filed

US Provisional Serial No.

Residence:

62/295,845	16-FEB-2016	
Inventor's signature Full name :	TIMOTHY J. TALTY	Date 12 Feb 2018
Residence:	BEVERLY HILLS, MICHIGAN	
Inventor's signature		Date
Full name:	WALTER S. WALL	
Residence:	SANTA MONICA, CALIFORNIA	
Inventor's signature		Date
Full name :	JAMES H. SCHAFFNER	

CHATSWORTH, CALIFORNIA

Customer No. 65798 P036593-US-NP (GMC-00923) Page 1

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P036593-US-NP entitled

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If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No Filed 62/295,845 Filed 16-FEB-2016

Inventor's signature	· parties steephers - territoria	Date
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Inventor's signature	MUTUU	Date 2/8/17
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Residence:	SANTA MONICA, CALIFORNIA	
Inventor's signature	Jone & Schaffen	Date 2/8/17
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Customer No. 65798 P036593-US-NP (GMC-00923) Page 2

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Inventor's signature		Date
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Customer No. 65798 P036593-US-NP (GMC-00923) Page 2

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Inventor's signature Full name:	ERAY YASAN	Date 2/10/2017

CANTON, MICHIGAN

PATENT REEL: 041241 FRAME: 0149

RECORDED: 02/13/2017

Residence: