# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NIKHIL GUPTA	04/25/2019
GALINA OKOUNEVA	04/26/2019
LIANG ZHANG	08/13/2018

## **RECEIVING PARTY DATA**

Name:	MAGNA ELECTRONICS INC.
Street Address:	2050 AUBURN RD.
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14969527

## **CORRESPONDENCE DATA**

**Fax Number:** (616)649-1923

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:** 6166491922

Email: asytsma@honigman.com

Correspondent Name: CHRISTOPHER R. DELUCENAY
Address Line 1: 300 OTTAWA AVE., N.W., SUITE 400
Address Line 4: GRAND RAPIDS, MICHIGAN 49503-2308

ATTORNEY DOCKET NUMBER:	MAG04 P2661
NAME OF SUBMITTER:	CHRISTOPHER R. DELUCENAY
SIGNATURE:	/CHRISTOPHER R. DELUCENAY/
DATE SIGNED:	04/26/2019

## **Total Attachments: 3**

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PATENT 505448059 REEL: 049006 FRAME: 0255

#### ASSIGNMENT

WHEREAS, Nikhil Gupta, Galina Okouneva and Liang Zhang, residing at 62 Bison Run Road, Brampton, Canada L6R1R9; 504 Bur Oak Ave., Markham, Ontario, Canada L6C3A8; and 93 Cambior Crescent, Kanata, Ottawa, Ontario, Canada K2T1J3, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in **VEHICLE VISION SYSTEM WITH 3D REGISTRATION FOR DISTANCE ESTIMATION**, for which a provisional application was filed on December 18, 2014 and assigned application Serial No. 62/093,743, and for which an application for United States Letters Patent was filed on December 15, 2015 as application Serial No. 14/969,527.

WHEREAS, Magna Electronics Inc., a corporation of the State of Delaware, having a place of business at 2050 Auburn Rd., Auburn Hills, MI 48326 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable considerations, Assignors hereby sell, assign and transfer unto said Assignee the full and exclusive right, title and interest to the said invention in the United States and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, continuation-in-part, and extensions thereof including the full right to claim for any such applications the benefits of the International Convention.

Assignors hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the owner of the entire right, title and interest in and to the same, for the sole use and behoof of said Assignee, its successors and assigns.

FURTHER, Assignors agree to communicate to said Assignee or its representatives any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hands on the dates appearing next to our signatures.

Witness:	Inventors:	Date:
	Nikhil Gupta Nikhil Gupta	4/25/2019
	Galina Okouneva	
	 Liang Zhang	

PATENT REEL: 049006 FRAME: 0256

## ASSIGNMENT

WHEREAS, Nikhil Gupta, Galina Okouneva and Liang Zhang, residing at 62 Bison Run Road, Brampton, Canada L6R1R9; 504 Bur Oak Ave., Markham, Ontario, Canada L6C3A8; and 93 Cambior Crescent, Kanata, Ottawa, Ontario, Canada K2T1J3, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in **VEHICLE VISION SYSTEM WITH 3D REGISTRATION FOR DISTANCE ESTIMATION**, for which a provisional application was filed on December 18, 2014 and assigned application Serial No. 62/093,743, and for which an application for United States Letters Patent was filed on December 15, 2015 as application Serial No. 14/969,527.

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IN TESTIMONY WHEREOF, we have hereunto set our hands on the dates appearing next to our signatures.

Witness:	Inventors:	Date:
		April 26, 2019
Soone Velichko	Nikhil Gupta	
	Duun	April 26,2019
	Galina Okoupeva	
	·	:
	Liang Zhang	

#### ASSIGNMENT

WHEREAS, Nikhil Gupta, Galina Okouneva and Liang Zhang, residing at 62 Bison Run Road, Brampton, Canada L6R1R9; 504 Bur Oak Ave., Markham, Ontario, Canada L6C3A8; and 93 Cambior Crescent, Kanata, Ottawa, Ontario, Canada K2T1J3, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in **VEHICLE VISION SYSTEM WITH 3D REGISTRATION FOR DISTANCE ESTIMATION**, for which a provisional application was filed on December 18, 2014 and assigned application Serial No. 62/093,743, and for which an application for United States Letters Patent was filed on December 15, 2015 as application Serial No. 14/969,527.

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Witness:	Inventors:	Date:
	Nikhil Gupta	
	Galina Okouneva	
ALEUSANDAR STEFANOUC	Liang Zhang	Aug. 13, 2018

PATENT REEL: 049006 FRAME: 0258

**RECORDED: 04/26/2019**