505067197 08/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

nic Version v1.1 EPAS ID: PAT5113953

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN FIASCHETTI	08/21/2018
PRANAV BHATKHANDE	10/21/2016
TARIG MAHAMEED	08/14/2018
G. EDZKO SMID	10/13/2016

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:	15291318

CORRESPONDENCE DATA

Fax Number: (616)649-1925

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: 6166491924

Email: asytsma@honigman.com
Correspondent Name: TIMOTHY A. FLORY
Address Line 1: 300 OTTAWA AVE., NW

Address Line 2: SUITE 400

Address Line 4: GRAND RAPIDS, MICHIGAN 49503-2308

ATTORNEY DOCKET NUMBER:	MAG04 P2855-423937
NAME OF SUBMITTER:	TIMOTHY A. FLORY
SIGNATURE:	/TIMOTHY A. FLORY/
DATE SIGNED:	08/28/2018

Total Attachments: 4

source=P2855-Assignment#page1.tif source=P2855-Assignment#page2.tif

PATENT 505067197 REEL: 046726 FRAME: 0813

source=P2855-Assignment#page3.tif source=P2855-Assignment#page4.tif

> PATENT REEL: 046726 FRAME: 0814

WHEREAS, John Fiaschetti, Pranav Bhalkhande, Tarig Osman and G. Edzko Smid, residing at 770 Grovecrest, Rochester Hills, MI 48307, 2743 Patrick Henry St., Apt. 308, Aubum Hills, MI 48326, 152 Legacy Park Cir., Dearborn Heights, MI 48127; and 1715 Chieftain Cir., Oxford, MI 48371, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in VEHICLE VISION SYSTEM WITH LATERAL CONTROL ALGORITHM FOR LANE KEEPING, for which a provisional application was filed on October 13, 2015 and assigned application Serial No. 62/240,772, and for which an application for United States Letter Patent was filed on October 12, 2016 and assigned application Serial No. 15/291,318.

WHEREAS, Magna Electronics Inc., a corporation of the State of Delaware, having a place of business at 2050 Aubum Rd., Aubum 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: 8/2//18
	John Fiaschetti	
	Pranav Bhatkhande	
	Tarig Osman	

PATENT

REEL: 046726 FRAME: 0815

WHEREAS, John Fiaschetti, Pranav Bhatkhande, Tarig Osman and G. Edzko Smid, residing at 770 Grovecrest, Rochester Hills, MI 48307; 2743 Patrick Henry St., Apt. 308, Auburn Hills, MI 48326; 152 Legacy Park Cir., Dearborn Heights, MI 48127; and 1715 Chieftain Cir., Oxford, MI 48371, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in **VEHICLE VISION SYSTEM WITH LATERAL CONTROL ALGORITHM FOR LANE KEEPING**, for which a provisional application was filed on October 13, 2015 and assigned application Serial No. 62/240,772, and for which an application for United States Letter Patent was filed on October 12, 2016 and assigned application Serial No. 15/291,318.

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:
	John Fiaschetti	10-21-2016
	Pranav Bhatk ande	_
	Tarig Osman	_
	G. Edzko Smid	_

PATENT REEL: 046726 FRAME: 0816

WHEREAS, John Fiaschetti, Pranav Bhatkhande, Tarig Mahameed and G. Edzko Smid, residing at 770 Grovecrest, Rochester Hills, MI 48307; 2743 Patrick Henry St., Apt. 308, Auburn Hills, MI 48326; 152 Legacy Park Cir., Dearborn Heights, MI 48127; and 1715 Chieftain Cir., Oxford, MI 48371, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in VEHICLE VISION SYSTEM WITH LATERAL CONTROL ALGORITHM FOR LANE KEEPING, for which a provisional application was filed on October 13, 2015 and assigned application Serial No. 62/240,772, and for which an application for United States Letter Patent was filed on October 12, 2016 and assigned application Serial No. 15/291,318.

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
	John Fiaschetti	
	Prapav Bhatkhande	
	Tarig Mahameed	<u> 8/14/2018</u>
	G. Edzko Smid	

PATENT REEL: 046726 FRAME: 0817

WHEREAS, John Fiaschetti, Pranav Bhatkhande, Tarig Osman and G. Edzko Smid, residing at 770 Grovecrest, Rochester Hills, MI 48307; 2743 Patrick Henry St., Apt. 308, Auburn Hills, MI 48326; 152 Legacy Park Cir., Dearborn Heights, MI 48127; and 1715 Chieftain Cir., Oxford, MI 48371, respectively (hereinafter referred to as Assignors), have invented certain new and useful improvements in **VEHICLE VISION SYSTEM WITH LATERAL CONTROL ALGORITHM FOR LANE KEEPING**, for which a provisional application was filed on October 13, 2015 and assigned application Serial No. 62/240,772, and for which an application for United States Letter Patent was filed on October 12, 2016 and assigned application Serial No. 15/291,318.

WHEREAS, Magna Electronics Inc., a corporation of the State of Delaware, having a place of business at 2050 Aubum Rd., Aubum 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:
**		
	John Flaschetti	
	Pranav Bhatkhande	
:	Tarig Osman	
	G. Edzko Smid	

PATENT REEL: 046726 FRAME: 0818

RECORDED: 08/28/2018