## Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2620084

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DEBO SUN	11/11/2013
CURTIS L. HAY	11/04/2013

#### **RECEIVING PARTY DATA**

Name:	GENERAL MOTORS LLC
Street Address:	P.O. BOX 300
Internal Address:	MAIL CODE 482-C23-B21
City:	DETROIT
State/Country:	MICHIGAN
Postal Code:	48265-3000

### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14083707	

#### **CORRESPONDENCE DATA**

Fax Number: (312)616-5700 Phone: 312 616 5600

Email: Chgpatent@leydig.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: LEYDIG, VOIT & MAYER, LTD.

Address Line 1: TWO PRUDENTIAL PLAZA, SUITE 4900

Address Line 2: 180 NORTH STETSON AVENUE Address Line 4: CHICAGO, ILLINOIS 60601-6731

NAME OF SUBMITTER:  MARK JOY  Signature:  /Mark Joy/		
	Signature:	/Mark Joy/
ATTORNEY DOCKET NUMBER: P024555-OST-ALS/712581	NAME OF SUBMITTER:	MARK JOY
ATTORNEY DOOKET NUMBER	ATTORNEY DOCKET NUMBER:	P024555-OST-ALS/712581

PATENT 502574181 REEL: 031630 FRAME: 0393

14083707

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Date:	11/19/2013
Total Attachments: 2 source=14083707#page1.tif source=14083707#page2.tif	

PATENT REEL: 031630 FRAME: 0394

#### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P024555-OST-ALS/712581 entitled:

### PARKING GARAGE ENVIRONMENT DETECTION AND EHPE DETERMINATION FOR VEHICULAR NAVIGATION

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 73811 to insert the application number and filing date of said application here in parentheses (14/083,707 filed November 19, 2013 ) when known.

Inventor's signature	20605	Date 100 11, 2013
Full name:	DEBO SUN	
Residence:	WEST COVINA, CALIFORNIA	
Inventor's signature		Date
Full name :	CURTIS L. HAY	
Residence:	WEST BLOOMFIELD, MICHIGAN	

PATENT REEL: 031630 FRAME: 0395

#### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P024555-OST-ALS/712581 entitled:

# PARKING GARAGE ENVIRONMENT DETECTION AND EHPE DETERMINATION FOR VEHICULAR NAVIGATION

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Inventor's signature		Date
Full name:	DEBO SUN	
Residence:	WINDSOR, ONTARIO	,
Inventor's signature	- MUIVI CILLY	Date 4 Nov 2013
Full name:	CURTIS L. HAY	
Residence ·	WEST RI COMFIELD MICHIGAN	

PATENT REEL: 031630 FRAME: 0396

**RECORDED: 11/19/2013**