503585602 11/25/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3632231

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| ERIC L. RAPHAEL | 11/24/2015 |

RECEIVING PARTY DATA

| Name: | GM GLOBAL TECHNOLOGY OPERATIONS LLC | |
|-------------------|-------------------------------------|--|
| Street Address: | P.O. Box 300 | |
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| State/Country: | MICHIGAN | |
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14951711 |

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|-------------------------|-------------------------|--|
| NAME OF SUBMITTER: | KATHI LOPEZ | |
| SIGNATURE: | /Kathi Lopez/ | |
| DATE SIGNED: | 11/25/2015 | |

Total Attachments: 1

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PATENT 503585602 REEL: 037139 FRAME: 0533

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 P033279-GMVE-LDA entitled

CAMERA SYSTEM

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (14/95/7/1 filed 25-Nov-20/5) when known.

Inventor's signature 52 126 Date Nov. 24, 2015

Full name: ERIC L. RAPHAEL

Residence: BIRMINGHAM, MICHIGAN

PATENT REEL: 037139 FRAME: 0534

RECORDED: 11/25/2015