

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KAI-HAN CHANG	04/04/2019
THOMAS A. SEDER	04/05/2019
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<b>State/Country:</b>	MICHIGAN
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16379439
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<b>ATTORNEY DOCKET NUMBER:</b>	P048037-US-NP
<b>NAME OF SUBMITTER:</b>	KARL F. BARR, JR.
<b>SIGNATURE:</b>	/KarlFBarrJr/
<b>DATE SIGNED:</b>	04/09/2019
<b>Total Attachments: 1</b> source=8A10602#page1.tif	

**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 P048037-US-NP entitled

**SPECKLE REDUCTION WITH IMAGE DITHERING**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 80748 to insert the application number and filing date of said application here in parentheses ( 16/379,439 filed April 9, 2019 ) when known.

Inventor's signature  Date 4/4/2019

Full name : KAI-HAN CHANG

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Inventor's signature  Date 4/5/2019

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