

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5101426


<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WEI TONG	08/17/2018
SHUQING ZENG	08/15/2018
UPALI P. MUDALIGE	08/17/2018
SHIGE WANG	08/15/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GM GLOBAL TECHNOLOGY OPERATIONS LLC
<b>Street Address:</b>	P.O. BOX 300
<b>Internal Address:</b>	M/C 482-C22-A68
<b>City:</b>	DETROIT
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16107315
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<i>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.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	P045411-US-NP
<b>NAME OF SUBMITTER:</b>	KARL F. BARR, JR.
<b>SIGNATURE:</b>	/KarlFBarrJr/
<b>DATE SIGNED:</b>	08/21/2018
<b>Total Attachments: 1</b> source=84A8966#page1.tif	

**ASSIGNMENT**

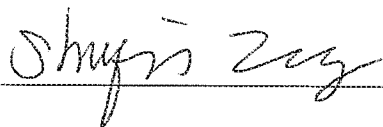
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P045411-US-NP entitled

**HIGH PRECISION LOW BIT CONVOLUTIONAL NEURAL NETWORK**

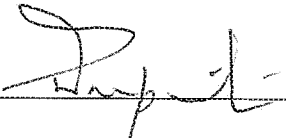
for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 80748 to insert the application number and filing date of said application here in parentheses ( 16/107,315 filed August 21, 2018 ) when known.

Inventor's signature  Date 8/17/2018  
 Full name : WEI TONG

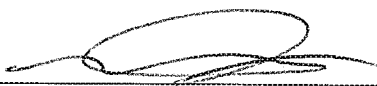
Residence : TROY, MICHIGAN

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 Full name : UPALI P. MUDALIGE

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