

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BIRENDRA P. BHATTARAI	09/18/2006
RECEIVING PARTY DATA	
Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC
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Internal Address:	Mail Code 482-C23-B21
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State/Country:	MICHIGAN
Postal Code:	48265-3000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11491482
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NAME OF SUBMITTER:	Stephanie Harbin
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PATENT
REEL: 019558 FRAME: 0149

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application GP-308633-PTE-CD entitled

**ZONE BASED KNOCK REDUCTION SYSTEMS AND METHODS
FOR BELT ALTERNATOR STARTER HYBRID SYSTEMS**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES to insert the application number and filing date of said application here in parentheses (11/491,482 filed July 21, 2006) when known.

Inventor's signature	<u>Birendra Bhattarai</u>	Date	<u>September 18, 2006</u>
Full name :	BIRENDRA P. BHATTARAI	Declaration dated :	
Residence :	NOVI, MICHIGAN		<u>September 18, 2006</u>