

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasuhiro ITO</td> <td>03/09/2010</td> </tr> <tr> <td>Takayuki OHNUMA</td> <td>03/09/2010</td> </tr> <tr> <td>Tsutomu ANDO</td> <td>03/09/2010</td> </tr> <tr> <td>Yasuyuki KONDO</td> <td>03/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Yasuhiro ITO	03/09/2010	Takayuki OHNUMA	03/09/2010	Tsutomu ANDO	03/09/2010	Yasuyuki KONDO	03/15/2010
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (202)857-6395  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2028576000</p> <p>Email: dcipdocket@arentfox.com</p> <p>Correspondent Name: Arent Fox LLP.</p> <p>Address Line 1: 1050 Connecticut Ave. NW</p>											

OP \$40.00 12731937

**501131497**

**PATENT**  
**REEL: 024145 FRAME: 0740**

Address Line 2: Suite 400  
Address Line 4: Washington, DISTRICT OF COLUMBIA 20036

NAME OF SUBMITTER:	Charles M. Marmelstein
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Total Attachments: 1 source=108421-00157_Assignment#page1.tif
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Docket No:

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

HONDA MOTOR CO., LTD.

1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 JAPAN

NICHIDAI CORPORATION

13 Kitamachida, Takigi, Kyotanabe-shi, Kyoto 610-0341 JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

**PRODUCTION APPARATUS AND PRODUCTION METHOD FOR CRANKSHAFT**

for which application for Letters Patent of the United States was filed on March 25, 2010 and assigned Serial No. 12/731,937 (Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

<u>Yasuhiro ITO</u> (TYPE NAME)	<u><i>Yasuhiro Ito</i></u> (SIGNATURE)	<u>March 9, 2010</u> (DATE)
<u>Takayuki OHNUMA</u> (TYPE NAME)	<u><i>Takayuki Ohnuma</i></u> (SIGNATURE)	<u>March 9, 2010</u> (DATE)
<u>Tsutomu ANDO</u> (TYPE NAME)	<u><i>Tsutomu Ando</i></u> (SIGNATURE)	<u>March 9, 2010</u> (DATE)
<u>Yasuyuki KONDO</u> (TYPE NAME)	<u><i>Yasuyuki Kondo</i></u> (SIGNATURE)	<u>March 15, 2010</u> (DATE)
<u>                    </u> (TYPE NAME)	<u>                    </u> (SIGNATURE)	<u>                    </u> (DATE)
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NO LEGALIZATION REQUIRED

**PATENT**

**RECORDED: 03/26/2010**

**REEL: 024145 FRAME: 0742**