

12/20/04

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To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies)/Execution Date(s):</p> <p>Hiroshi Nakamura, Masayuki Adachi, Ichiro Asano, Jiro Senda, Shintaro Aoki</p> <p>Execution Date(s): <u>August 23, 2004, August 23, 2004,</u> <u>August 23, 2004, August 23, 2004, August 23, 2004</u></p> <p>Additional names of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Horiba, Ltd.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>2, Miyanohigashi-cho, Kisshoin</u> <u>Minami-ku, Kyoto, Japan</u></p> <p>City: _____ State: _____</p> <p>Country: _____ Zip: _____</p> <p>Additional names, addresses, or citizenships attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	

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4. Application or patent number(s): _____ This document is being filed together with a new application

A. Patent Application No.(s) 10/919,925 B. Patent No.(s) _____

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Jeremy J. Curcuri</u></p> <p>Internal Address: <u>Brooks Kushman P.C.</u></p> <p>Street Address: <u>1000 Town Center</u> <u>Twenty-Second Floor</u></p> <p>City: <u>Southfield</u></p> <p>State: <u>MI</u> Zip: <u>48075-1238</u></p> <p>Phone Number: <u>(248) 358-4400</u></p> <p>Fax Number: <u>(248) 358-3351</u></p> <p>Email Address: _____</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input type="checkbox"/> Authorized to be charged to Deposit Account</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information:</p> <p>a. Credit Card Last 4 Numbers _____</p> <p>Expiration Date _____</p> <p>b. Deposit Account Number _____</p> <p>Authorized User Name _____</p>
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9. Signature:  December 17, 2004

Signature Date

Jeremy J. Curcuri

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 3

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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, I/we, Hiroshi NAKAMURA, Shintaro AOKI, Ichiro ASANO, Jiro SENDA and Masayuki ADACHI (hereinafter "Assignor(s)"), citizen(s) of Japan, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR MEASURING EXHAUST GAS FLOW RATE AND IT'S APPLICATION SYSTEM FOR ANALYZING THE EXHAUST GASES FROM AN ENGINE for which I/we have executed application for Letters Patent of the United States, of even date herewith, and

WHEREAS, HORIBA, Ltd. hereinafter "Assignee"), a corporation of Japan, having a principal place of business at 2, Miyano Higashi-cho, Kisshoin, Minami-ku, Kyoto, Japan, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (¥100) to me/us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the Assignor(s) have sold, assigned, transferred and set over, unto said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patents which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I/WE, HEREBY covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith.

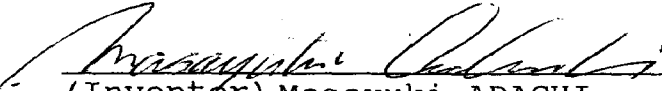
AND I/WE HEREBY further covenant and agree that I/we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to me/us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything

possible to aid said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

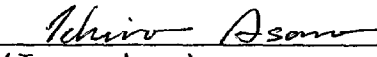
IN TESTIMONY WHEREOF, I hereunto set my hand this 23th
day of August, 2004.


(Inventor) Hiroshi NAKAMURA

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day of August, 2004.


(Inventor) Masayuki ADACHI

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day of August, 2004.


(Inventor) Ichiro ASANO

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day of August, 2004.


(Inventor) Jiro SENDA

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day of August, 2004.


(Inventor) Shintaro AOKI