

Form PTO-1595 (Rev. 09/04)
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RECORDATION FORM COVER SHEET		12873/04889
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)/Execution Date(s): Colin K. Drummond Joseph B. Richey II Execution Date(s) <u>March 9, 2005, March 9, 2005</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Invacare Corporation</u> Internal Address: _____ Street Address: <u>One Invacare Way</u> City: <u>Elyria</u> State: <u>Ohio</u> Country: <u>USA</u> Zip: <u>44035</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>10/994,512</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>William A. Johnston</u> Internal Address: _____ Street Address: <u>800 Superior Ave., Suite 1400</u> City: <u>Cleveland</u> State: <u>Ohio</u> Zip: <u>44114</u> Phone Number: <u>(216) 622-8576</u> Fax Number: <u>(216) 241-0816</u> Email Address: <u>wjohnston@calfee.com</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>03-0172</u> Authorized User Name <u>Calfee, Halter & Griswold</u>
9. Signature: <u>WAG</u> Signature William A. Johnston Name of Person Signing		March 14, 2005 Date Total number of pages including cover sheet, attachments, and documents: <u>4</u>

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 USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 030172 10994512

ASSIGNMENT


For One Dollar (\$1.00) and other good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, we, the undersigned, **Colin K. Drummond**, 1474 Lincoln Avenue, Lakewood, Ohio 44107; and **Joseph B. Richey II**, 7325 Stump Hollow Lane, Chagrin Falls, Ohio 44022, assign to **Invacare Corporation**, having a place of business at **One Invacare Way, Elyria, OH 44035**, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in

FLUIDIC DEMAND APPARATUS AND MEMS FLOW SENSOR FOR USE THEREIN

set forth in United States Utility Patent Application No. 10/994,512, filed on 11/22/04, any and all other applications for Letters Patent on said inventions in the United States and in all countries foreign to the United States, including but not limited to all provisional, divisional, renewal, substitute, continuation, PCT and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for

establishing the facts of conception, disclosure and reduction to practice of said inventions, and the testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Date: 3-9-2005


Colin K. Drummond


State of Ohio:)

County of Lorain)

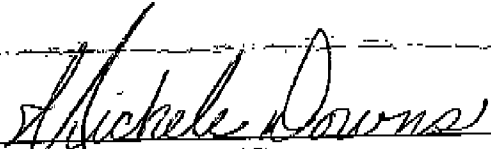
SS:

On this, the 9th day of March, 2004⁵, personally appeared before me Colin K. Drummond, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

SEAL



MICHELE DOWNS
NOTARY PUBLIC
STATE OF OHIO
Comm. Expires
February 27, 2010


NOTARY PUBLIC

Date: 3-9-2005


Joseph B. Richey II


State of Ohio:)

County of Lorain)


SS:

On this, the 9th day of March, 2004⁵, personally appeared before me Joseph B. Richey II, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

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