Docket No.: MDSP-P03-180 06-26-2001 FORM PTO-159 (Modified) EET U.S. DEPARTMENT OF COMMERCE (Rev. © J3) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 Tab settings → → 101760971 To the Honorable Commissioner of Patents and Trademarks. Flease 1000. In attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Stephen Shaughnessy (0.00.01 Name: Hamilton Civic Hospitals Research Centre Internal Address: Additional names(s) of conveying party(ies) ☐ Yes 🛛 No 3. Nature of conveyance: Street Address: 7111 Concession Street ★ Assignment ☐ Merger Hamilton, Ontario, Canada ☐ Security Agreement Change of Name Other State: ZIP: ____ Execution Date: February 8, 2001 Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/715,838 Additional numbers attached? ☐ Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Matthew P. Vincent 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Ropes & Gray ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Patent Group Authorized to be charged to deposit account Street Address: One International Place 8. Deposit account number: 18-1945 State: MA City: Boston ZIP: 02110 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

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

David P. Halstead, Reg. No. 44,735

Name of Person Signing

PATENT REEL: 011916 FRAME: 0630

June 19, 2001

Date

USSN 09/715,838 Atty Dkt: MDV-180.03

ASSIGNMENT

I, Stephen Shaughnessy, St. Catharines, Ontario, Canada, in consideration of One Dollar and other valuable consideration paid to me by

HAMILTON CIVIC HOSPITALS RESEARCH CENTRE

a corporation of Canada, having its principal place of business at 7111 Concession Street, Hamilton, Ontario, Canada, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

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its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

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described in a patent application U.S. Serial No. 09/715,838, filed on November 17, 2000 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said patent application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

ipplications bas	sed thereon to said corporation, its	successors and assigns.
WITNE	SS my hand and seal this	_ day of February, 2001.
		By: Stephen Shaughnessy
State of))ss	
County of)	
Then personall oregoing instruction 2001.	y appeared the above named Stument to be his free act and deed, l	tephen Shaughnessy and acknowledged the before me, this day of felo vuci v
		Allie Bradling Notary Public WITNESS

RECORDED: 06/22/2001

PATENT REEL: 011916 FRAME: 0631

My commission expires: