|   | Docket No.: 11828-US   |
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| FO9M PTO-1595 (Modified) 09 - 19 - 20(  |  |
| DMB No. D631-0011 (exp.4/94)<br>Copyright 1996-97 LegalStar<br>P06A/REV02   | Patent and Trademark Offic   |
| Tab settings → → ▼ 10184917   | ·  |
| To the Honorable Commissioner of Patents and Trademont  | ord the attached original documents or copy thereof.   |
| 1. Name of conveying party(ies):  James G. Ryan   | <ol><li>Name and address of receiving party(ies):</li></ol>  |
| Michael R. Stinson  | Name: National Research Council of Canada  |
|   | Address: 1500 Montreal Road  |
| Additional names(s) of conveying party(les)   | 3 U.S.<br>09/12/0  |
| 3. Nature of conveyance:  |  |
| 🖄 Assignment 🗆 Merger   |  |
| ☐ Security Agreement ☐ Change of Name   | City: Ottawa State/Prov.: ON   |
| Other   | Country: Canada ZIP: K1A 0R6   |
| Execution Date: 09/10/01  | _ Additional name(s) & address(es) ☐ Yes ☒ No  |
|   | s  |
| Additional numbers  |  |
| <ol><li>Name and address of party to whom correspondence<br/>concerning document should be mailed:</li></ol>  | 6. Total number of applications and patents involved: 1  |
| Name: Marks & Clerk   | 7. Total fee (37 CFR 3.41):\$ 40.00  |
| Registration No. 34,519   | Enclosed - Any excess or insufficiency should be   |
| Address: P.O. Box 957, Station B  | credited or debited to deposit account   |
| Address.  | Authorized to be charged to deposit account  |
|   | 8. Deposit account number:   |
| City: Ottawa State/Prov.: ON  | The state of the s |
| Oity  | 13-1717  |
| Country.  | OT USE THIS SPACE  |
| 33  |  |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing information.  To the best of my knowledge and belief, the foregoing information. | rmation is true and correct and any attached copy is a true copy   |
| of the original document.   | September 12, 2001   |
| Richard J. Mitchell  Name of Person Signing   | Signature 4 Date   |
| Name of refour organia  | and the second of the second o |

Total number of pages including cover sheet attachments, and REEL: 012163 FRAME: 0466

## Agent's Docket No. 11828-US

## **ASSIGNMENT**

WHEREAS, James G. Ryan and Michael R. Stinson, residing at 6135
Lariviere Crescent, Gloucester, Ontario, K1W 1C6 and 608 Duff Crescent,
Gloucester, Ontario, K1J 7C5, respectively, have invented improvements in
METHOD AND APPARATUS TO INCREASE ACOUSTIC SEPARATION, for
which an application for United States Letters Patent has been executed by us on
even date hereon

WHEREAS, NATIONAL RESEARCH COUNCIL OF CANADA, whose full post office address is 1500 Montreal Rd., Ottawa, ON, K1A 0R6, Canada, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries, in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for themselves and their legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interference or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid for by said assignee.

> PATENT REEL: 012163 FRAME: 0467

RECORDED: 09/12/2001

| Signed at Ottawa, Ontario this 10 <sup>th</sup> day of September 2001  James G. Ryan |
|--|
| (Witness)  |
| Signed at Office, Canada this 16 day of System 2001  Michael R. Stinson              |
| (Witness)  |

PATENT REEL: 012163 FRAME: 0468