


<div style="display: flex; justify-content: space-between;"> <div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;"> MAY 10 2002 </div> </div> <div> 05-17-2002 </div> <div> 3ET </div> </div>					
					
102093937					
<p>To the Honorable Commissioner of Patents Please record the attached original document</p> <p>1. Name of conveying party(ies): Frank J. Iannarilli, Jr.</p> <p style="text-align: right; font-size: 1.2em;">5.10.02</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Aerodyne Research, Inc.</p> <p>Street Address: 45 Manning Road</p> <p>City: Billerica</p> <p>State: MA Zip: 01821-3976</p> <p>Additional name(s) & address(es) Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>				
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement</p> <p><input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: <u>May 7, 2002</u></p>					
<p>4. Application number(s) or patent number(s): <u>10/098,159</u></p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s)</td> <td style="width: 50%;">B. Patent No. (s)</td> </tr> </table> <p style="text-align: right;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No.(s)	B. Patent No. (s)		
A. Patent Application No.(s)	B. Patent No. (s)				
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Joseph H. Born</p> <p>Street Address: Cesari and McKenna, LLP</p> <p style="padding-left: 100px;">88 Black Falcon Avenue</p> <p>City: Boston State: MA Zip: 02210</p>	<p>6. Total number of applications and patents involved:..... 1</p> <p>7. Total fee (37 CFR 3.41) \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit Account</p> <p>8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)</p>				
DO NOT USE THIS SPACE					
<p>9. Statement and signature.</p> <p><i>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.</i></p> <table style="width: 100%;"> <tr> <td style="width: 60%;"> Joseph H. Born, Reg. No. 28,283 </td> <td style="width: 40%; text-align: right;"> May 10, 2002 </td> </tr> <tr> <td> Name of Person Signing </td> <td style="text-align: right;"> Date </td> </tr> </table> <p style="text-align: right;">Total number of pages comprising cover sheet: 3</p>		Joseph H. Born, Reg. No. 28,283	May 10, 2002	Name of Person Signing	Date
Joseph H. Born, Reg. No. 28,283	May 10, 2002				
Name of Person Signing	Date				

05/15/2002 AWONDAF1 00000084 10098159

03 FC:581

40.00 DP

ASSIGNMENT

Whereas I, Frank J. Iannarilli, Jr., whose residence address is 59 Brook Street, Barrington, RI 02806, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled Spectro-Polarimetric Remote Surface-Orientation Measurement, identified by Cesari and McKenna File No. 16435-0027U, the specification of which was filed on March 13, 2002, and accorded Serial Number 10/098,159; and

Whereas Aerodyne Research, Inc., whose address is 45 Manning Road, Billerica, MA 01821-3976, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign, transfer, and convey to Assignee my entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to

Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment as an instrument under seal on the date indicated next to my name.

7 May 2002 Frank J. Iannarilli, Jr.
Date Frank J. Iannarilli, Jr., Inventor

Commonwealth of Massachusetts)
County of Middlesex)ss.

On this 7th day of May, 2002, before me appeared Frank J. Iannarilli, Jr., to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Emily M. Pruyn
Notary Public

[seal]

EMILY M. PRUYN
NOTARY PUBLIC
My commission expires Sept. 12, 2008