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PATENTS ONLY

RANN-0013

6-24-03 RECORL

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):  
**Alexander E. Smith  
Bennett Cohen**  
  
 Additional names of conveying parties attached

2. Name and Address of Receiving Party(ies):  
Name: **RANNOCH Corporation**  
Internal Address: **Suite 430**  
Street Address: **1800 Diagonal Road**  
City, State, Zip: **Alexandria, Virginia 22314**  
  
 Additional name(s) and address(es) attached.

3. Nature of Conveyance:  
 Assignment                       Merger  
 Security Agreement               Change of Name  
 Other:  
Execution Date: **June 16, 2003**

4. (a) Patent Application Number(s):  
**10/457,439**  
  
If this document is being filed together with a new application, the execution date of the application is:  
  
 Additional Numbers Attached.

4. (b) Patent Numbers:

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:  
Name: **Robert P. Bell**  
Address: **Robert Platt Bell  
Registered Patent Attorney  
8033 Washington Road  
Alexandria, VA 22308**

6. Total Number of Applications and Patents Involved: **1**  
7. Total Fee: **\$40.00**  
(37 C.F.R. § 3.41)  
 Enclosed.  
 Authorized to be charged to deposit account.  
8. Deposit Account Number: **50-1393**  
  
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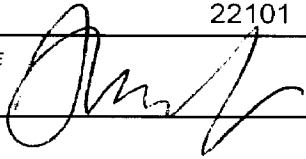
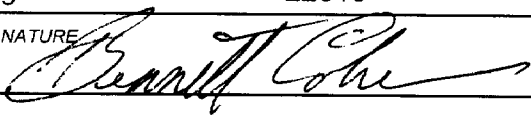
9. Statement and Signature:  
  
*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*  
  
  
  
Robert P. Bell, Registration Number 34,546                      June 24, 2003

Total number of pages including cover sheet: **THREE (3)**

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PATENT  
REEL: 014206 FRAME: 0606

Application of: <b>Alexander E. Smith et al.</b>	Docket No.: <b>RANN-0013</b> RPB REF: <b>RANN-0013</b>
Serial Number: <b>10/457,439</b>	Art Unit: <b>UNASSIGNED</b>
Filing Date: <b>June 10, 2003</b>	Examiner: <b>UNASSIGNED</b>
Title: <b>Correlation of Flight Track Data with Other Data Sources</b>	
<p>WHEREAS, ALEXANDER E. SMITH AND BENNETT COHEN whose post office address(es) appear below (hereinafter referred to as ASSIGNOR), have invented certain new and useful improvements in <b>Correlation of Flight Track Data with Other Data Sources</b> (hereinafter referred to as THE INVENTION) for which the above-captioned Application for United States Letters Patent, filed June 10, 2003;</p>	
<p>WHEREAS, <b>RANNOCH CORPORATION</b>, whose post office address is 1800 Diagonal Road, Suite 430, Alexandria, Virginia 22314, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;</p>	
<p>NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and Patent Application throughout the United States of America, including any and all United States Letters Patent granted on any U.S. Patent Application, and any division, continuation, continuation-in-part and reissue of said U.S. Patent Application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.</p>	
<p>ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.</p>	
<p>ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.</p>	

Application of: <b>Alexander E. Smith et al.</b>	Docket No.: <b>RANN-0013</b> RPB REF: <b>RANN-0013</b>
Serial Number: <b>10/457,439</b>	Art Unit: <b>UNASSIGNED</b>
Filing Date: <b>June 10, 2003</b>	Examiner: <b>UNASSIGNED</b>
<b>Title: Correlation of Flight Track Data with Other Data Sources</b>	
Full Name of First or Sole Inventor <b>Alexander E. Smith</b>	Citizenship <b>USA</b>
Residence Address - Street <b>938 Mackall Ave</b>	Post Office Address Street <b>938 Mackall Ave</b>
City <b>McLean</b>	City <b>McLean</b>
State or Country                      Zip <b>Virginia                      22101</b>	State or Country                      Zip <b>Virginia                      22101</b>
DATE <b>6-18-03</b>	SIGNATURE 
<i>(Notarization preferred but not required)</i>	
Before me personally appeared said _____ and acknowledges this instrument to be his (her) free act and deed this _____ day of _____, 200__.	
Notary Public _____	
Full Name of Second Inventor <b>Bennett Cohen</b>	Citizenship <b>USA</b>
Residence Address - Street <b>5730 Governor's Pond Circle</b>	Post Office Address Street <b>5730 Governor's Pond Circle</b>
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State or Country                      Zip <b>Virginia                      22310</b>	State or Country                      Zip <b>Virginia                      22310</b>
DATE <b>6/18/03</b>	SIGNATURE 
<i>(Notarization preferred but not required)</i>	
Before me personally appeared said _____ and acknowledges this instrument to be his (her) free act and deed this _____ day of _____, 200__.	
Notary Public _____	