

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mr. Alexander E. Smith	05/01/2007
RECEIVING PARTY DATA	
Name:	ERA CORPORATION
Street Address:	5252 Cherokee Ave
Internal Address:	Suite 400
City:	Alexandria
State/Country:	VIRGINIA
Postal Code:	22312
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11742012
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ATTORNEY DOCKET NUMBER:	RANN-0037
NAME OF SUBMITTER:	Robert Platt Bell
Total Attachments: 2 source=ASSIGNMENT_0037#page1.tif source=ASSIGNMENT_0037#page2.tif	

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PATENT  
REEL: 019233 FRAME: 0070

Application of: <b>Alexander E. Smith</b>	Docket No.: <b>RANN-0037</b> RPB REF: <b>RANN-0037</b>
Serial Number: <b>11/742,012</b>	Art Unit: <b>3662</b>
Filing Date: <b>April 30, 2007</b>	Examiner: <b>UNASSIGNED</b>
Title: <b>METHOD AND APPARATUS FOR IMPROVING ADS-B SECURITY</b>	
<p>WHEREAS, <b>ALEXANDER E. SMITH</b>, whose post office address(es) appear below (hereinafter referred to as ASSIGNOR), have invented certain new and useful improvements in <b>METHOD AND APPARATUS FOR IMPROVING ADS-B SECURITY</b> (hereinafter referred to as THE INVENTION) for which the above-captioned Application for United States Letters Patent, filed April 30, 2007;</p>	
<p>WHEREAS, <b>ERA CORPORATION</b>, whose post office address is 5252 Cherokee Avenue, Suite 400, Alexandria, Virginia 22312, (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>	

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Title: <b>METHOD AND APPARATUS FOR IMPROVING ADS-B SECURITY</b>	
Full Name of First or Sole Inventor Alexander E. Smith	Citizenship USA
Residence Address - Street 938 Mackall Ave	Post Office Address Street 938 Mackall Ave
City McLean	City McLean
State or Country Virginia	State or Country Virginia
Zip 22101	Zip 22101
DATE  May 1, 2007	SIGNATURE 
<p>(Notarization preferred but not required)</p> <p>Before me personally appeared said _____ and acknowledges this instrument to be his (her) free act and deed this _____ day of _____, 200__.</p> <p>Notary Public</p>	