PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rannoch Corporation	06/21/2007

RECEIVING PARTY DATA

Name:	ERA Systems Corporation
Street Address:	1881 Campus Commons Drive
Internal Address:	Suite 101
City:	Reston
State/Country:	VIRGINIA
Postal Code:	20191

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12471384

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: ERA-0045

NAME OF SUBMITTER: Robert Platt Bell

Total Attachments: 2

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PATENT REEL: 024145 FRAME: 0441 \$40.00 1247

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In re Application of: Alexander E. SMITH et al.	Docket No.: RANN-0029 RPB REF: RANN-0029
Serial Number: 11 / 541,480	Art Unit: 3662
Filing Date: September 29, 2006	Examiner: UNASSIGNED

Title: METHOD AND APPARATUS FOR ADS-B VALIDATION, ACTIVE AND PASSIVE MULTILATERATION, AND ELLIPEICAL SURVEILLANCE

WHEREAS, RANNOCH CORPORATION, whose post office address is 5252 CHEROKEE AVENUE SUITE 400, ALEXANDRIA, VIRGINIA 22312, is owner of 100% of the entire right, title and interest in the METHOD AND APPARATUS FOR ADS-B VALIDATION, ACTIVE AND PASSIVE MULTILATERATION, AND ELLIPEICAL SURVEILLANCE (hereinafter referred to as THE INVENTION) for which the above-captioned Application for United States Letters Patent, filed September 29, 2006;

WHEREAS, **ERA Systems Corporation**, 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;

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.

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.

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.

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RECORDED: 03/26/2010

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Title: METHOD AND APPARATUS FOR ADS-B VALIDATION, ACTIVE AND PASSIVE MULTILATERATION, AND ELLIPEICAL SURVEILLANCE				
For RANNOCH Corporation: Alexander E. Smith	Title: Chairman			
DATE	SIGNATURE			
JUNE 21, 2007	Allen			
(Notarization preferred but not required)				
Before me personally appeared said instrument to be his (her) free act and deed this	and acknowledges this day of, 200			
Notary Public				