

12-28-2001



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

1. Name of conveying party(ies): Robert A. Rauscher, Jr.

2. Name and address of receiving party(ies)

Name: Alliant Techsystems Inc.

Internal Address:

Additional name of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance:

- [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Street Address: 5050 Lincoln Drive

City: Edina State: MN Zip: 55436

Execution Date: December 12, 2001

Additional Name(s) & address(es) attached? [] Yes [x] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution data of the application is:

A. Patent Application No.(s) 09/949,031

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

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5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Sullivan Law Group

Internal Address:

Street Address: 5060 North 40th Street

Suite 120

City: Phoenix State: AZ Zip: 85018

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

- [x] Enclosed [] Authorized to be charged to deposit account

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9. Statement and signature.

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.

Stephen T. Sullivan Name of Person Signing

Signature

December 17, 2001 Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT RIGHTS ASSIGNMENT

This Assignment is made by Robert A. Rauscher, Jr., an individual residing at 2 Pepperbush Lane, Moorestown, NJ 08057 (hereinafter "Assignor"), to and in favor of Alliant Techsystems Inc., a Delaware corporation having its principal place of business at 5050 Lincoln Drive, Edina, Minnesota 55436 (hereinafter "Assignee").

Whereas Assignor is the inventor of the invention described in the application for United States Letters Patent entitled "ORDNANCE CONTROL AND INITIATION SYSTEM AND RELATED METHOD," filed on September 7, 2001 and assigned serial number 09/949,031 (hereinafter the "Patent Application"); and

Whereas Assignor desires to assign his entire right, title and interest in and to all patents, patent applications and the like on the above-identified invention to Assignee for valuable consideration; and

Whereas Assignee has provided such valuable consideration to Assignor;

Accordingly, the parties agree as follows:

1. Assignor hereby conveys and assigns to Assignee Assignor's entire right, title and interest in and to the Patent Application and the invention or inventions disclosed in it, including all continuation, continuation-in-part and divisional applications and all continuing prosecution applications based in whole or in part on the Patent Application, and including all patents and reissues resulting from it and/or them.

2. Assignor hereby assigns to Assignee Assignor's entire right, title and interest in and to all counterparts to the Patent Application that have been or may be filed outside the United States, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patent Application, further including all continuation, continuation-in-part and divisional applications and all continuing prosecution applications based in whole or in part on the non-U.S. counterparts, and still further including all patents, inventor's certificates, utility models and reissues based upon or resulting from any of the non-U.S. counterparts.

3. Assignor hereby grants to Assignee the sole and exclusive right to prosecute and have access to the Patent Application and all related applications as described in Paragraphs 1 and 2 above, as well as any opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings. Assignor authorizes all governmental bodies having the power to issue patents, reissues, inventor's certificates or utility models to issue a patent, reissue, inventor's certificate or utility model based on the Patent Application or any related applications as described in Paragraphs 1 and 2 above in the name of Assignee.

