

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Steven J. Koch	04/30/2009
Ronald L. Smith	04/30/2009
RECEIVING PARTY DATA	
Name:	Alliant Techsystems Inc.
Street Address:	7480 Flying Cloud Drive
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55344
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12435138
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	4203.03US01
NAME OF SUBMITTER:	Douglas J. Christensen
Total Attachments: 2 source=4203_03US01_ASSIGNMENT#page1.tif source=4203_03US01_ASSIGNMENT#page2.tif	

OP \$40.00 12435138

ASSIGNMENT

WHEREAS, we, Steven J. Koch, of 3451 Charlene Ave., Oroville, CA 95966 USA, and Ronald L. Smith, of 183 Grand Oak Dr., Oroville, CA 95966 USA, have invented certain new and useful improvements in CASE ACTIVATION BULLET FEEDING, for which a utility application has been made, said application which may be identified in the United States Patent Office by Application No. 12/435,138, filed May 4, 2009 .

WHEREAS, Alliant Techsystems Inc. ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 7480 Flying Cloud Drive, Minneapolis, MN 55344, USA, is desirous of acquiring the entire right, title and interest in and to said invention, said utility application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the filing date and application number of said utility application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

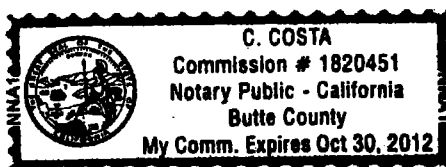
IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

Date: 4/30/09

Steven J. Koch
Steven J. Koch

Subscribed and sworn to before me
this 30th day of APRIL, 2009.

C. Costa
Notary Public



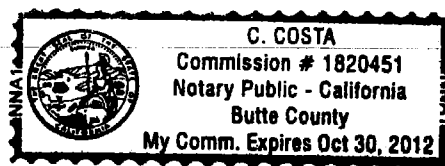
[Notary Seal]

Date: 4-30-09

Ronald L. Smith
Ronald L. Smith

Subscribed and sworn to before me
this 30th day of APRIL, 2009.

C. Costa
Notary Public



[Notary Seal]