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Form PTO-1595 (Rev. 12/08)
OMB No. 0651-0027 (exp. 01/31/2009)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECC



MRD 9-1-10

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Richard M. Lloyd

2. Name and address of receiving party(ies)

Name: Raytheon Company

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 9, 2010

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address: 870 Winter StreetCity: WalthamState: MACountry: US Zip: 02451Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/798,426

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas E. Thompkins, Jr.Internal Address: Iandiorio Teska & ColemanStreet Address: 260 Bear Hill RoadCity: WalthamState: MA Zip: 02451Phone Number: (781) 890-5678Fax Number: (781) 890-1150

Email Address: _____

6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 09-0002Authorized User Name Thomas E. Thompkins, Jr.

9. Signature: _____

Signature

9-1-10

Date

Thomas E. Thompkins, Jr.

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 090002 12793426

PATENT

REEL: 025082 FRAME: 0784

ASSIGNMENT

WHEREAS, I, the signatory hereto, have invented an improvement entitled MULTI-POINT TIME SPACING KINETIC ENERGY ROD WARHEAD AND SYSTEM (Raytheon Case No. 09E148) which is the subject of an application for United States Patent, Serial No. 12/798,426, filed on April 2, 2010;

WHEREAS, RAYTHEON COMPANY, of Waltham, Massachusetts 02451, U.S.A., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, U.S.A., is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign and transfer unto said corporation the entire right, title and interest, in and throughout the world, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, substitute or reissue application based in whole thereon, or based upon said invention, and without limiting the generality of the foregoing, I also do hereby sell, assign and transfer unto said corporation all our rights under the International Convention and all other treaties of like purpose, in respect of said invention and application, and I authorize said corporation to apply for patents on said invention or any part thereof, in all countries, claiming the priority of the filing date of said application in the United States of America under the provisions of said international Convention or any such other treaty;

TO BE HELD AND ENJOYED by said corporation, its successors and assigns to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale, assignment or transfer of said right, title or interest been made;

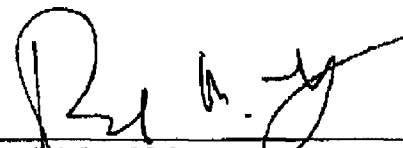
AND I do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Office of each country foreign thereto to issue any and all United States and foreign patents which may be granted upon said applications or any of them in the United States and all other countries, or upon said invention or any part thereof, to said corporation, its successors or assigns.

AND I hereby agree for myself and for my heirs, executors and administrators, to execute without additional consideration any further lawful documents and any further assurances, and any applications for patents of any country, that might be deemed necessary by said corporation, its successors or assigns, fully to secure to said corporation its successors or assigns, its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them, all, however, at the expense of said corporation, its successors or assigns.

AND I hereby covenant for myself and my legal representatives, and agree with said corporation, its successors and assigns, that I have granted no right or license to make, use

or sell said invention to anyone except said corporation, that prior to the execution of this our right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I, Richard M. Lloyd, have hereunto set my hand and affixed my seal this 11th day of August, 2010.

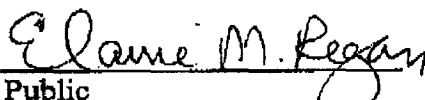
(s) 
Richard M. Lloyd

ACKNOWLEDGMENT

Commonwealth of Massachusetts }
County of Middlesex }

On this 11th day of August, 2010, before me, a Notary Public within this state, personally appeared the above-named Richard M. Lloyd, personally known by me to be the identified person named in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged that he/she executed the same as his/her voluntary and free act and deed.

[Notary's
seal here]

(s) 
Notary Public
My commission expires: July 2, 2015



ELAINE M. REGAN
Notary Public
Commonwealth of Massachusetts
My Commission Expires
July 2, 2015

RAY-229J
Raytheon Case No. 09E148
TET/cae

PATENT