

11-29-2002

U.S. Department of Commerce  
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PATENT



102296386

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New

☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

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Conveyance Type

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File

☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Richard M. Lloyd

Execution Date  
Month Day Year

11-18-2002

Name (line 2)

Second Party

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Raytheon Company

Name (line 2)

Address (line 1) 141 Spring Street

Address (line 2)

Address (line 3) Lexington

Massachusetts

02421

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

11/27/2002 LNUELLER 00000160 10301420

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FOR OFFICE USE ONLY

Correspondent Name and Address

Area Code and Telephone Number

(781) 890-5678

Name Kirk Teska

Address (line 1) Iandiorio & Teska

Address (line 2) 260 Bear Hill Road

Address (line 3) Waltham, Massachusetts 02451

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

10/301420

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was executed on

Month Day Year  
November 18, 2002

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

Number of Properties

Enter the total number of properties involved.

# 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

# 09-0002

Authorization to charge additional fees:

Yes



No

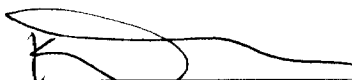


Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

Kirk Teska

Name of Person Signing



Signature

November 21, 2002

Date

## **ASSIGNMENT**

WHEREAS, I, the signatory hereto, have invented an improvement entitled KINETIC ENERGY ROD WARHEAD WITH ISOTROPIC FIRING OF THE PROJECTILES (Raytheon Case No. 01E067) and have executed an application for United States patent based thereon on the date set forth below;

WHEREAS, RAYTHEON COMPANY, of Lexington, Massachusetts 02421, 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 my 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.

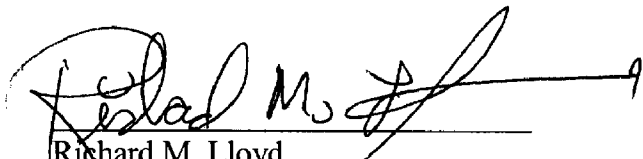
AND I hereby agree for myself and for my heirs, executors and administrators, to execute without additional consideration any further lawful documents and any further assurances, and any applications for patents of any country, that might be deemed necessary by said corporation, its successors or assigns, 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 my 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 hands and

affixed my seal this 18<sup>th</sup> day of November, 2002.

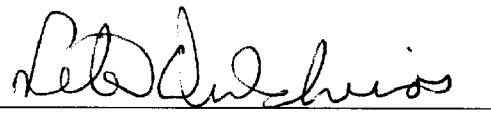
  
Richard M. Lloyd

ACKNOWLEDGMENT

Commonwealth of Massachusetts }  
County of Middlesex }

On this 18<sup>th</sup> day of November, 2002, 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 executed the same as his voluntary and free act and deed.

[Notary's  
seal here]

  
Notary Public  
My commission expires: Oct. 24, 2008

Our No. RAY-137J  
Raytheon Case No. 01E067