

Docket No.: RAY-153J

FORM PTO-1595 (Modified)
(Rev. 8-93)
OMB No. 0551-0011 (exp. 4/94)
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POSA/REV02

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

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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):

Richard M. Lloyd

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Raytheon Company

Address: 870 Winter Street

City: Waltham

State/Prov.: MA

Country: USA

ZIP: 02451

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: January 28, 2005

4. Application number(s) or registration numbers(s):

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

Patent Application No.

Filing date

B. Patent No.(s)

11/030,455

January 6, 2005

Additional numbers

☐ Yes ☒ No

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

Name: Thomas E. Thompkins, Jr.

Registration No. 47,136

Address: Iandiorio & Teska

260 Bear Hill Road

City: Waltham

State/Prov.: MA

Country: USA

ZIP: 02451

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0002

DO NOT USE THIS SPACE

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.

Thomas E. Thompkins, Jr.

Name of Person Signing

Signature

Date

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

PATENT

700175563

REEL: 016185 FRAME: 0929

ASSIGNMENT

WHEREAS, I, the signatory hereto, have invented an improvement entitled WIDE AREA DISPERSAL WARHEAD (Raytheon Case No. PD 04E084) which is the subject of an application for United States Patent, Serial No. 11/030,455, filed on January 6, 2005;

WHEREAS, RAYTHEON COMPANY, of Waltham, 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 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;

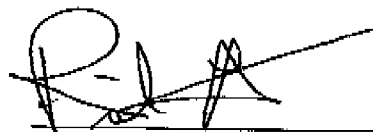
AND I do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Office of each country foreign thereto to issue any and all United States and foreign patents which may be granted upon said applications or any of them in the United States and all 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 28th day of January, 2005.



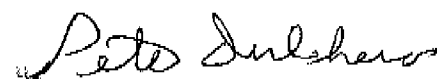
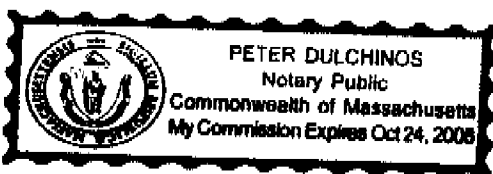
Richard M. Lloyd

ACKNOWLEDGMENT

Commonwealth of Massachusetts }
County of W Middlesex }

On this 28th day of January, 2005, 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 Peter Dulchinos
My commission expires: Oct. 24, 2008

RAY-153J

Raytheon Case No. 04E084

RF/ok