

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chris E Geswender	10/10/2008
Shawn B Harline	10/21/2008
Nicholas E Kosinski	10/21/2008
RECEIVING PARTY DATA	
Name:	RAYTHEON COMPANY
Street Address:	870 Winter Street
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02451-1449
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12257690
CORRESPONDENCE DATA	
Fax Number:	(216)621-6165
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	216-621-1113
Email:	jplatt@rennerotto.com
Correspondent Name:	Jonathan A. Platt
Address Line 1:	1621 Euclid Ave.
Address Line 2:	19th Floor
Address Line 4:	Cleveland, OHIO 44115
ATTORNEY DOCKET NUMBER:	RAYTP0353US
NAME OF SUBMITTER:	Jonathan A. Platt

Total Attachments: 3
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REEL: 021733 FRAME: 0169

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Docket No. PD-07W211

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned:

Chris E. Geswender, P.O. Box 1870, Green Valley, AZ 85622
Shawn B. Harline, 3684 W. Bellewood Place, Tucson, AZ 85741
Nicholas E. Kosinski, 6550 N. Shadow Run Drive, Tucson, AZ 85704

hereby sell and assign to Raytheon Company, a corporation of Delaware, having a place of business at 870 Winter Street, Waltham, Massachusetts, 02451-1449, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

PROJECTILE HAVING FINS WITH SPIRACLES

for which application for United States Letters Patent has been filed on October 24, 2008 under Serial No. 12/257,690, or was executed by the undersigned on the date below and is being filed concurrently herewith, or is a provisional patent application filed on _____ under Serial No. _____ or concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of

Docket No. PD-07W211

said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

Signed:

Date:

Chris E. Geswender
Chris E. Geswender

10/10/08

Shawn B. Harline
Shawn B. Harline

10/21/08

Nicholas E. Kosinski
Nicholas E. Kosinski

10/21/08

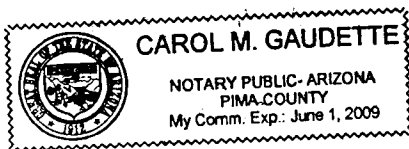
CERTIFICATE OF ACKNOWLEDGMENT

State of Arizona

County of Pima

On October 10, 2008 before me, Carol M. Gaudette Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Chris E. Geswender
Name(s) of Signer(s)



personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Carol M. Gaudette
Signature of Notary Public

CERTIFICATE OF ACKNOWLEDGMENT

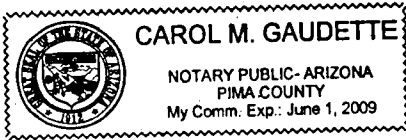
State of Arizona

County of Pima

On October 21, 2008 before me, Carol M. Gaudette, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Shawn B. Harline
Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



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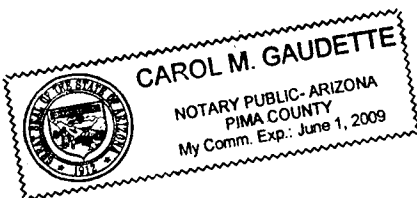
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personally appeared Nicholas E. Kosinski
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