

03-01-2001

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101624466

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10973 U.S. PTO  
09/774483

01/30/01

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231 99W216/WCS/RTSC

**PATENT**  
**REEL: 011538 FRAME: 0263**

**Correspondent Name and Address**

Area Code and Telephone Number **8055622108**

Name **Raytheon Company**

Address (line 1) **Intellectual Property & Licensing, EO/E01/E150**

Address (line 2) **2000 East El Segundo Boulevard**

Address (line 3) **P. O. Box 902**

Address (line 4) **El Segundo, California 90245-0902**

**Pages**

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

# **2**

**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

Patent Number(s)



If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
**12 06 2000**

**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**

Method of Payment:  
Deposit Account

Enclosed ☐

Deposit Account ☒

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

Deposit Account Number:

# **500616**

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.*

William C. Schubert, Reg. 30,102

Name of Person Signing

*William C. Schubert*

Signature

**1-29-2001**

Date

99W216/WCS/RTSC

**ASSIGNMENT**Page 1 of 2  
**Attorney Docket No. 99W216**

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an)

**FAIL SAFE ARMING UNIT MECHANISM**

for which application for Letters Patent of the United States was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and

WHEREAS, RAYTHEON COMPANY (hereinafter referred to as RAYTHEON), a Delaware corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR <b>Marcus Snell</b>	INVENTOR'S SIGNATURE <i>Marcus Snell</i>	DATE <i>12/6/2000</i>
RESIDENCE (CITY AND STATE) <b>Greenwood, Indiana</b>		INVENTION AGREEMENT DATE <b>18 May 1987</b>
FULL NAME OF SOLE OR JOINT INVENTOR <b>Randall Pahl</b>	INVENTOR'S SIGNATURE <i>Randall Pahl</i>	DATE <i>12/6/00</i>
RESIDENCE (CITY AND STATE) <b>Indianapolis, Indiana</b>		INVENTION AGREEMENT DATE <b>4 March 1991</b>
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	

WCS:RECORD NO. 172 frm/ppg

State of Indiana }  
County of Marion } ss: Shelby county  
On 6th December 2000, before me Barbara J. Sparks, a Notary Public in and for said State, personally appeared Marcus Snell, Randall Pahl  
☐ 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.  
Notary Public Barbara J. Sparks  
Commission expires 8/28/03

13650 CO FEB 96[RSC/0198]

**Raytheon Company**  
Intellectual Property & Licensing  
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RECORDED: 01/30/2001

**PATENT**  
REEL: 011538 FRAME: 0266