

10-12-1999

PD-R98160

9/29/99



101168155

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**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

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1999 U.S. PTO  
09/408114

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**Correspondent Name and Address**

Area Code and Telephone Number (310) 647-2577

Name Leonard A. Alkov

Address (line 1) RAYTHEON COMPANY

Address (line 2) P.O. Box 902 (E0/E01/E150)

Address (line 3) 2000 E. El Segundo Boulevard

Address (line 4) El Segundo, CA 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

**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 account.)

Deposit Account Number: # 50-0616

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.

Leonard A. Alkov

09-29-99

Name of Person Signing

Signature

Date


**ASSIGNMENT**Page 1 of 2  
PD-R98160

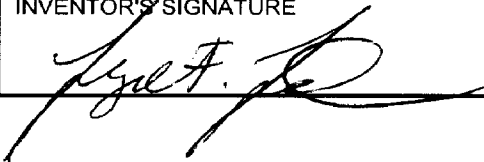
WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) **MONOLITHIC PAYLOAD IF SWITCH** for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on \_\_\_\_\_ as Serial No.; and

WHEREAS, RAYTHEON COMPANY, 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 COMPANY, 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 COMPANY, its successors, assigns or other legal representatives; convenient 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 COMPANY, 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 COMPANY, 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 COMPANY, 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 COMPANY, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR ERICK M. HIRATA	INVENTOR'S SIGNATURE 	DATE 09/29/99
RESIDENCE (CITY AND STATE) 21917 Ocean Avenue, Torrance, CA 90503		INVENTION AGREEMENT DATE July 9, 1979

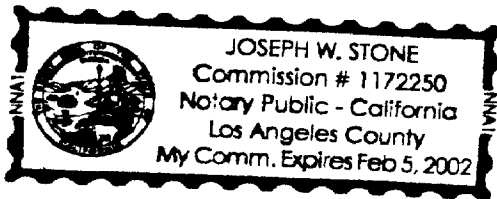
FULL NAME OF SOLE OR JOINT INVENTOR LLOYD F. LINDER	INVENTOR'S SIGNATURE 	DATE 09/29/99
RESIDENCE (CITY AND STATE) 3730 Patrick Henry, Agoura Hills, CA 91301		INVENTION AGREEMENT DATE July 8, 1985

STATE OF CALIFORNIA )  
COUNTY OF LOS ANGELES ) SS:

On SEPTEMBER 29, 1999 before me, JOSEPH W. STONE, a Notary Public in and for said State,  
personally appeared ERICK M. HIRATA AND LLOYD F. LINDER

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 