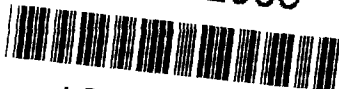


08-11-2000



101430313

FORM PTO-1618A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
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- Corrective Document
Reel # _____ Frame # _____

Conveyance Type

- Assignment License
 - Security Agreement Nunc Pro Tunc Assignment
 - Merger Change of Name
 - Other _____
- Effective Date
Month Day Year

Conveying Party

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name Raytheon Company

02102000

Formerly _____

- Individual General Partnership Limited Partnership Corporation Association

Other _____

Citizenship/State of Incorporation/Organization Delaware

75710965

Receiving Party

Mark if additional names of receiving parties attached

Name L-3 Communications Corporation

DBA/AKA/TA _____

Composed of _____

Address (line 1) 600 Third Avenue

Address (line 2) _____

Address (line 3) New York

City

NY / U.S.A.

State/Country

10016

Zip Code

- Individual General Partnership Limited Partnership

Corporation Association

Other _____

Citizenship/State of Incorporation/Organization Delaware

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 should be attached. (Designation must be a separate document from Assignment.)

08/10/2000 NTHA11 00000097 75710965

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01 FC:481
02 FC:482

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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)

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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

#

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

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

Trademark Application Number(s)

Registration Number(s)

<input type="text" value="75710965"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="75533887"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

<input type="text" value="438568"/>	<input type="text" value="812505"/>	<input type="text" value="869653"/>
<input type="text" value="1175887"/>	<input type="text" value="1807131"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Number of Properties Enter the total number of properties involved.

#

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

\$

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:

#

Authorization to charge additional fees:

Yes

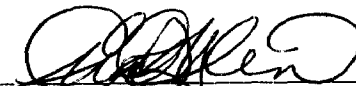
No

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.

Erica D. Klein

Name of Person Signing



Signature

July 12, 2000

Date Signed

ASSIGNMENT

WHEREAS, RAYTHEON COMPANY, a corporation organized and existing under the laws of the State of Delaware, and RAYTHEON TECHNICAL SERVICES COMPANY, a corporation organized and existing under the laws of the State of Delaware (collectively the "ASSIGNORS"), have adopted and are using and have registered in the United States Patent and Trademark Office or have applied for registration in the United States Patent and Trademark Office (including applications under §1(b)) or have rights under common law, in the marks which are listed in the attached Training Trademark Schedule;


WHEREAS, L-3 COMMUNICATIONS CORPORATION, a corporation organized and existing under the laws of the State of Delaware (the "ASSIGNEE"), is desirous of acquiring the marks and the associated applications, registrations, and rights and the assets relating to the ongoing and existing business of ASSIGNORS to which the marks pertain and the underlying goodwill of the portion of the business associated with and symbolized by the marks listed in the attached Training Trademark Schedule;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the ASSIGNORS, the ASSIGNORS do hereby assign, transfer, convey, deliver and grant assign unto the ASSIGNEES, all right, title, and interest in and to the marks and the associated applications, registrations, and rights and the assets relating to the ongoing and existing businesses of the ASSIGNORS to which the marks pertain (the details of which are set out in a separate instrument), and the underlying goodwill of the portion of the business associated with and symbolized by the marks listed in the attached Training Trademark Schedule;

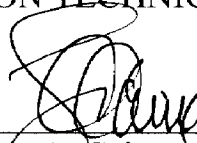
And the ASSIGNORS hereby agree to sign all lawful documents and make all rightful oaths and declarations relating to the marks when reasonably requested to do so by the ASSIGNEE.

WHEREIN, the ASSIGNORS' agent sets its hand and seal:

Date: February 10, 2000 RAYTHEON COMPANY

By: 
Franklyn A. Caine
Senior Vice President
Chief Financial Officer

RAYTHEON TECHNICAL SERVICES COMPANY

By: 
Franklyn A. Caine
Duly Authorized Officer

NOTARY

State of Massachusetts)
)
County of Middlesex) ss.

On this _____ day of February, 2000, before me personally came Franklyn A. Caine, to me known to be Senior Vice President of RAYTHEON COMPANY, a corporation organized and existing under the laws of the State of Delaware, the ASSIGNOR above-named, and acknowledged that he/she executed the foregoing instrument named, and acknowledged that he/she executed the foregoing instrument as his/her free act on behalf of the ASSIGNOR and pursuant to authority duly received.

Erin Mary O'Malley
Notary Public
My Commission Expires 8/27/2004

(SEAL)

ERIN MARY O'MALLEY
Notary Public
My Commission Expires August 27, 2004

NOTARY

State of Massachusetts)
)
County of Middlesex) ss.

On this _____ day of February, 2000, before me personally came Franklyn A. Caine, to me known to be Duly Authorized Officer of RAYTHEON TECHNICAL SERVICES COMPANY, a corporation organized and existing under the laws of the State of Delaware, the ASSIGNOR above-named, and acknowledged that he/she executed the foregoing instrument named, and acknowledged that he/she executed the foregoing instrument as his/her free act on behalf of the ASSIGNOR and pursuant to authority duly received.

Erin Mary O'Malley
Notary Public
My Commission Expires 8/27/2004

(SEAL)

ERIN MARY O'MALLEY
Notary Public
My Commission Expires August 27, 2004

TRAINING TRADEMARK SCHEDULE

Mark	Country of Appl.	Filing Date	Serial Number	Registration Date	Reg. Number	Renewal Date
LINK	United States	04/10/1946	71-499955	05/04/1948	438,568	05/04/2008
LINK	United States	01/25/1965	72-210556	08/09/1966	812,505	08/09/2006
LINK	United States	01/19/1965	72-210204	05/20/1969	869,653	05/20/2009
AST	United States	11/02/1978	73-191791	11/03/1981	1,175,887	11/03/2001
LINK (design)	United States	12/10/1991	74-228994	11/30/1993	1,807,131	11/03/2003
SIMUSPHERE ¹	United States	05/21/1999	75-710965	(pending)	(pending)	(pending)
CLEARVUE ²	United States	08/11/1998	75-533887	(pending)	(pending)	(pending)
LINK	Australia				A329,527	03/01/2000
LINK	Denmark				0667/1968	03/08/2008
LINK	France				1,471,111	06/14/2008
LINK	Spain ³				512,313	04/06/2008
LINK	United Kingdom				1,109,507	02/14/2000
AMI	Common Law					
ARTS	Common Law					
BRITESTAR	Common Law					
GEOMENTOR	Common Law					
ITEMS	Common Law					
pDRLMS	Common Law					
SEMS	Common Law					
TRUEGUIDE	Common Law					
TRUELINK	Common Law					
TRUESOUND	Common Law					

¹ This application is pending under section 1(b)

² This application is pending under section 1(b)

³ Payment of next tax is due on March 6, 2003

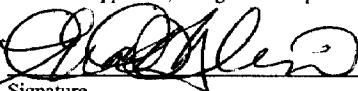
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Registrant : RAYTHEON COMPANY
Registration No. : SEE ENCLOSED SCHEDULE
Registration Date : SEE ENCLOSED SCHEDULE
Trademarks : SEE ENCLOSED SCHEDULE
Class : SEE ENCLOSED SCHEDULE

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Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231, on July 12, 2000

ERICA D. KLEIN

Name of Applicant, Assignee or Representative



Signature

7/12/00

Date of Signature

LETTER OF TRANSMITTAL

Honorable Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Sir:

Enclosed for recordation by the United States Patent and Trademark Office is an assignment instrument, along with the related recordation form cover sheet, and a check in the amount of \$ 190.00 in payment of the requisite related fees. Please charge any additional fees due or credit any overpayment to our Deposit Account No. 50-0297.

Please acknowledge receipt by returning to us the enclosed postcard.

Respectfully submitted,

WHITMAN BREED ABBOTT & MORGAN LLP
Attorneys for Registrant

By: 
Erica D. Klein

Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Registrant : RAYTHEON COMPANY
Registration No. : SEE ENCLOSED SCHEDULE
Registration Date : SEE ENCLOSED SCHEDULE
Trademarks : SEE ENCLOSED SCHEDULE
Class : SEE ENCLOSED SCHEDULE

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Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231, on July 12, 2000

ERICA D. KLEIN

Name of Applicant, Assignee or Representative



Signature

7/12/00

Date of Signature

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Respectfully submitted,

WHITMAN BREED ABBOTT & MORGAN LLP
Attorneys for Registrant

By: 
Erica D. Klein

Enclosures

462394-v1 0057547-0056

RECORDED: 07/17/2000

TRADEMARK
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