Docket No.	073577.0229	 07-15-	2002						
FORM PTO-1595 1-31-92 7-15 25			EL BILGI BISSE (BIJ) B/B/ /BB/	U.S. DEP.	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				
To th	ne Honorable Comr	nissioner 102155	5594	ttached original docume	ents or co	py there	eof.		
1. Name and A	Address of Conveyi	ng Party(ies):	2. Name and A	me and Address of receiving Party(ies):					
	neon Company. Spring Street	7-15-02	Name: L-3 Communications Integrated						
Lexin	ngton, MA 02421	1 •	Internal Addre						
Additional name(s) of conveying party(ies) attached? Yes x No			Street Address		600 Third Avenue				
			City:	New York					
2 31			State: New Yo	ork Zip 10016		-			
3. Nature of co	•				7				
X Ass	ignment	Merger			1				
Sec	urity Agreement	Change of Name							
Oth	er								
			Additional nam	ne(s) & address(es)		Yes	X	No	
Communication	e: June 6, 2002 (Rans Integrated System	ytheon Co.); July 2, 2002 (L-3 ms L.P.)	attached?						
	number(s) or paten						<u> </u>	l	
If this docum	nent is being filed to	ogether with a new application, the	execution date of	the application is:					
A. Patent Application No.(s) US 09/466,277 filed December 17, B. Patent No.(s)									
1999	•			,					
Additional Nun	nbers attached?		1			Yes	X	No	
5. Name and ac	ddress of party to w	hom correspondence concerning	6. Total number	r of applications and patents	s involved	l: 1			
document shoul	ld be mailed:								
Name:	Harolo	l E. Meier	7. Total Fee (37 CFR 3.41):						
Internal Address: Baker Botts L.L.P.		Botts L.L.P.	X	Enclosed \$40.00	nclosed \$40.00				
Street Address:	treet Address: 2001 Ross Avenue, Suite 600			Authorized to be charged to deposit account					
City:	Dallas		8. Deposit account number:						
State: Texas	Zip: 7.	5201-2980	02-0384 (Attach Duplicate Copy of this page if paying by deposit account)						
DO NOT USE THIS SPACE									
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9. Statement a	and signature.	d belief, the foregoing information	is true and corre	ct and any attached copy is a	a true cop	y of the	origin	al	
	of my knowleage an	a belief, the foregoing information	_	·					
document.		Shorte &	3		Tular 4	1/ 2	002		
Harold E. Meie	er. Reg. No. 22,428	Signature C	mu	2	Date	, , 2	<u>302</u>		
Name of Person	n Signing	Signature	To	otal number of pages includi	ng cover	sheet		5	
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Public burden reporting to sheet. Send comments of (0651-0011), Washington		he U.S. Patent and Trademark Office, Office of information							
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U.S. Patent and Trademark Office

PATENT ASSIGNMENT

WHEREAS, RAYTHEON COMPANY (hereafter "Assignor"), a Delaware

corporation, having an address of 141 Spring Street, Lexington, Massachusetts 02173, is the

owner of the U. S. Patent Application Serial No. 09/466,277, filed December 17, 1999 and

entitled "Cardcage for Circuit Cards," and the invention described and claimed therein (hereafter

the "Patent Property"); and

WHEREAS, L-3 COMMUNICATIONS INTEGRATED SYSTEMS L.P.

(hereafter "Assignee"), a Delaware limited partnership, having an address of 600 Third Avenue,

New York, NY 10016, desires to acquire all right, title and interest in and to the Patent Property.

NOW THEREFORE, for good and valuable consideration, the receipt and

sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set

over to Assignee, all its right, title and interest in and to the Patent Property, as well as all

continuations, divisions, and continuations-in-part of said Patent Property, and all reissues and

extensions thereof, the same to be held and enjoyed by Assignee for its own use and benefit, and

for the use and benefit of its successors, assigns, or legal representatives, to the end of the term

or terms for which such Patent Property may be granted or reissued, as fully and entirely as the

same would have been held and enjoyed by Assignor if this assignment and sale had not been

made.

DAL01:667142.1

Assignor also assigns to Assignee, all its right, title and interest in and to the

inventions disclosed in said Patent Property throughout the world, including the right to file

applications and obtain patents, utility models, industrial models and designs for said Patent

Property in its own name throughout the world, including all its rights to publish cautionary

notices reserving ownership of said inventions and all its rights to register said Patent Property in

appropriate registries; and all its rights to sue and recover for damages by reason of past

infringement of such Patent Property. Assignor further agrees to execute any and all powers of

attorney, applications, assignments, declarations, affidavits, and any other papers in connection

therewith necessary to perfect such right, title and interest in Assignee.

Assignor also assigns unto Assignee all its claims for damages by reason of

infringement prior to the assignment date of the Patent Property throughout the world, with the

right to sue for and collect the same for its own use and benefit, and for the use and benefit of its

successors, assigns and other legal representatives.

Assignor, at the expense of Assignee, will testify in any legal proceedings, sign all

lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute

applications, make lawful oaths and declarations, and generally do everything possible to vest

title in Assignee and to aid Assignee to obtain and enforce proper protection for said Patent

Property in all countries.

DAL01:667142.1

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed on the dates and in the capacities shown below.

RAYTHEON COMPANY

By:

Printed Name: David L. Kinsinger

Its:

Deputy Chief Patent Counsel

Date:

L-3 COMMUNICATIONS INTEGRATED SYSTEMS L.P.

By:

Printed Name: Steven M. Post

Its:

Vice President, Contracts and

General Counsel

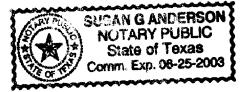
Date:

DAL01:667142.1

STATE OF Yeyas COUNTY OF

Before me, the undersigned, a Notary Public on this day personally appeared whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said RAYTHEON COMPANY, a Delaware corporation, and that he had executed the same as the act of such corporation for the purpose and consideration therein expressed, and in the capacity therein stated.

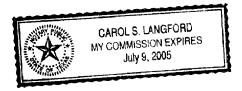
Given under my hand and seal of office this 6th day of



STATE OF Jugas COUNTY OF Heat

Before me, the undersigned, a Notary Public on this day personally appeared known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said L-3 COMMUNICATIONS INTEGRATED SYSTEMS L.P., a Delaware limited partnership, and that he had executed the same as the act of such corporation for the purpose and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office, this day of feely, 2002.



RECORDED: 07/15/2002