A1, SRNEY DOCKET: 064749.01,52 (PP 02E089)	17-2004	Sheet 1 of 1
DODA (DEC 1505		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patent:	2669776	jinal documents or copy thereof.
Name and Address of Conveying Party(ies) INDIVIDUAL:	2. Name and Address o	f receiving Party(ies):
Wayne P. O'Brien	Name:	RAYTHEON COMPANY
507 N. Roosevelt Boulevard, Suite C315 Falls Church, Virginia 22044	Street Address:	870 Winter Street
(Falls Church City County)	City:	Waltham
Individual Citizenship: United States of America	State:	Massachusetts Zip: 02451-1449
Additional name(s) of conveying party(ies) attached? Yes X No		
3. Nature of conveyance:	-	9 -
		OP R.
X Assignment Merger Security Agreement Change of Name		12 /FI
Other Change of Name	Additional name(s) &	
	Address(es) attached?	
Execution Date: 12/03/2003	1	OPR/FILE X No
 Application number(s) or patent number(s): If this document is being filed together with a new application, the 	avacution data of the arms.	
A. Patent Application No.(s): 10/621,772	B. Patent No.(s):	ation is:
	Additional Num	bers Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed to:	6. Total number of appl	ication and patents involved: One
	7. Total Fee (37C.F.R. 3.41): \$40.00	
Name: Kevin J. Meek Internal Address: BAKER BOTTS L.L.P.	X Enclosed Authorized to be charged to deposit account	
Street Address: 2001 Ross Avenue, Suite 600		
City: Dallas	7 tuttion 1200	to be enarged to deposit decount
State: Texas Zip 75201-2980	8. Deposit Account Nur	nber:
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is document.	true and correct and any at	tached copy is a true copy of the original
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Travis W. Thomas) —	February 6, 2004
Reg. No. 48,667 Signature		Date
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PATENT REEL: 014970 FRAME: 0717 4

ATTORNEY DOCKET NO. 064749.0152 (PD 02E089)

ASSIGNMENT 10/621,772

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ASSIGNMENT

WHEREAS, I, an undersigned inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent has been made, said application having been executed and filed on the dates set forth below;

WHEREAS, RAYTHEON COMPANY, (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 870 Winter Street, Waltham, Massachusetts 02451-1449, desires to acquire my entire right, title, and interest in and to the invention and in and to the said application and any Letters Patent that may issue therefrom;

WHEREAS, on July 15, 2003, I executed an assignment to Assignee of all right, title, and interest in and to said invention and in and to said application, all divisions, reissues, continuations, continuations-in-part, and extensions thereof, and all patents which may be granted therefrom;

WHEREAS, that same assignment contained erroneous language purporting, without effect, to assign certain rights from me to a nonexistent "Foreign Assignee"; and

WHEREAS, that same assignment contained erroneous language purporting, without effect, to obligate me to perform certain acts for the benefit of the same nonexistent "Foreign Assignee" and for the benefit of a similarly nonexistent "U.S. Assignee";

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all my right, title and interest in and to said invention (both in the United States of America and in all foreign countries) and in and to said application, all divisions, reissues, continuations, continuations-in-part and extensions thereof and all patents which may be granted therefrom; I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee; and I agree that the above-described purported assignment of certain rights from me to the nonexistent "Foreign Assignee" was wholly without effect.

I will communicate to Assignee any facts known to me respecting any improvements and will testify in any legal proceedings, sign all lawful papers, execute all powers of attorney and all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths, declarations, and affidavits, execute any other papers in connection therewith necessary to perfect such right, title and interest in Assignee, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in the United States of America and all foreign countries.

DAL01:754186.1

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PATENT REEL: 014970 FRAME: 0718 ATTORNEY DOCKET NO. 064749.0152 (PD 02E089)

ASSIGNMENT 10/621,772

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This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

Inventor's Name:

Designing Computer Programs

Signature of Sole Inventor:

Wayne P. O'Brien

Residence (City, County, State):

Falls Church, Falls Church City County, Virginia

Date:

July 15, 2003

Date Application Executed:

DAL01:754186.1

RECORDED: 02/12/2004

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PATENT REEL: 014970 FRAME: 0719