Form PTO-1595 RE (Rev. 03/01)	LLS Patent and Trademark Of
OMB No. 0651-0027 (exp. 5/31/2002) 10276	8782
Tab settings ⇔ ⇔ ⇔ ▼ _ ▼ _ ▼	<u> </u>
To the Honorable Commissioner of Patents and Trademarks	: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Louis Luh	2. Name and address of receiving party(ies) Name:
	Internal Address: Intellectual Property and Licensin
Additional name(s) of conveying party(ies) attached? 📑 Yes 🔀 No	
3. Nature of conveyance:	
🖾 Assignment 🕞 Merger	<u>b</u>
	Street Address:
Security Agreement 🚽 Change of Name	870 Winter Street
O ther	
06/04/2004	City:State:Zip:02451-
Execution Date:	Additional name(s) & address(es) attached? 🖵 Yes 🏼 🐼 N
A. Patent Application No.(s) 10864158 Additional numbers a	ttached? 📮 Yes 📮 No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$_40.00
Name:Raytheon Company	
Internal Address:	Enclosed
	Authorized to be charged to deposit account
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P.O. Box 902 (E4/N119)	8. Deposit account number:
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P.O. Box 902 (E4/N119) Street Address: P.O. Box 902 (E4/N119) METACHE 00000139 500616 10864158 P.O. Box 902 (E4/N119) Ot METACHE 00000139 500616 10864158 P.O. Box 902 (E4/N119) 90245-0902 City:	8. Deposit account number: 50-0616 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE
P.O. Box 902 (E4/N119) Street Address: P.O. Box 902 (E4/N119) 04 NETACHE 00000139 500616 10664158 2140.00 MA El Segundo CA90245-0902 City:State:Zip: DO NOT USI 9. Statement and signature.	8. Deposit account number: 50-0616 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE
P.O. Box 902 (E4/N119) Street Address: P.O. Box 902 (E4/N119) O4 MEETACHE 00000139 500616 10864158 P.O. Box 902 (E4/N119) P.O. Box 902 (E4/N19) P.O. Box 90	8. Deposit account number: 50-0616 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE information is true and correct and any attached copy

PATENT REEL: 015457 FRAME: 0646

Assignment Page 1 of 2 PD-03W153

ASSIGNMENT

WHEREAS, I, as below named sole inventor of the city and state as stated below next to my name, have invented "Q Enhancement Circuit and Method" for which application for Letters Patent of the United States has been executed by me on this day; 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, 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.

PATENT REEL: 015457 FRAME: 0647

Assignment Page 2 of 2 PD-03W153

IN WITNESS WHEREOF, we have executed this instrument.

Full Name of Inventor	Inventor Signature	Data Size 1
Louis Luh	-Jour Such	Date Signed $6/4/_{200}$
Residenc 305 West Newby Avenue, #C, San Gal	e (City and State) Driel, CA 91776	Invention Agreement Date
STATE OF <u>California</u> COUNTY OF <u>Las Angeles</u> On <u>June 4, 2004</u> before me, <u>I</u> personally appeared <u>Louis</u> Luh) ss: Selinda Burroughs	_, a Notary Public in and for said State,
personally known to me or <u>proved to ne</u> the within instrument and acknowledged to me th his/hes/their signature(s) on the instrument the per	the on the basis of satisfactory evidence to be the p at he/she/they executed the same in his/her/their a rson(s), or the entity upon behalf of which the pers	erson(s) whose name(s) is/are subscribed to uthorized capacity(ies), and that by son(s) acted, executed the instrument

WITNESS my hand and official seal.

Notary Public

Belinda Burrongle

