PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gary A. Frazier	07/17/2007
Roger K. Lake	07/18/2007

RECEIVING PARTY DATA

Name:	Raytheon Company
Street Address:	870 Winter Street
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02451-1449

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11779710

CORRESPONDENCE DATA

Fax Number: (214)661-4559

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2149536948

angela.wilson@bakerbotts.com Email:

Correspondent Name: Angela Wilson

Address Line 1: 2001 Ross Avenue, Ste 600

Address Line 2: Baker Botts L.L.P.

Address Line 4: Dallas, TEXAS 75201-2980

ATTORNEY DOCKET NUMBER:	004578.1372

NAME OF SUBMITTER: Angela L. Wilson

Total Attachments: 3

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PATENT REEL: 019571 FRAME: 0771 1

ASSIGNMENT

WHEREAS, I, the undersigned inventor, of residence as listed (or one of the undersigned joint inventors), having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

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 said application and any Letters Patent that may issue thereon;

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 right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and 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.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree 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.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I 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 invention in all countries.

DAL01:965590

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

Title

OPTICAL DIGITAL TO ANALOG CONVERTER

Signature of Joint Inventor:

Inventor's Name:

Residence (City, County, State) Gar

Garland, Dallas County, Texas 75043

Date Assignment Executed:

Date Application Executed:

United States of America

Citizenship:

DAL01:965590

PATENT REEL: 019571 FRAME: 0773 3

Title

OPTICAL DIGITAL TO ANALOG CONVERTER

Signature of Joint Inventor:

Inventor's Name:

Roger K. Lake

Residence (City, County, State)

Riverside, Riverside County, CA 92506

Date Assignment Executed:

7/18/2007

Date Application Executed:

-7/18/2007

Citizenship:

United States of America

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RECORDED: 07/18/2007

PATENT REEL: 019571 FRAME: 0774