

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kerrin A. Rummel</td> <td>10/01/2007</td> </tr> <tr> <td>Gregory Schaefer</td> <td>10/01/2007</td> </tr> <tr> <td>Kevin W. Chen</td> <td>10/01/2007</td> </tr> <tr> <td>Brandon H. Allen</td> <td>10/01/2007</td> </tr> <tr> <td>Daniel J. Weissmann</td> <td>10/08/2007</td> </tr> </tbody> </table>		Name	Execution Date	Kerrin A. Rummel	10/01/2007	Gregory Schaefer	10/01/2007	Kevin W. Chen	10/01/2007	Brandon H. Allen	10/01/2007	Daniel J. Weissmann	10/08/2007
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Daniel J. Weissmann	10/08/2007												
RECEIVING PARTY DATA													
Name:	Raytheon Company												
Street Address:	870 Winter Street												
City:	Waltham												
State/Country:	MASSACHUSETTS												
Postal Code:	02451-1449												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11865475</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11865475								
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CORRESPONDENCE DATA													
Fax Number:	(214)661-4447												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	469.337.6447												
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Address Line 2:	Baker Botts LLP												
Address Line 4:	Dallas, TEXAS 75201												
ATTORNEY DOCKET NUMBER:	004578.1667												

CH \$40.00 11865475

NAME OF SUBMITTER:

Linda Henretta

Total Attachments: 6

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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.

ATTORNEY DOCKET NO.
004578.1667

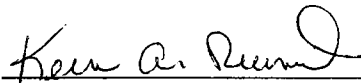
ASSIGNMENT

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

Title **REMOTE COOLING OF A PHASED ARRAY ANTENNA**

Signature of Joint Inventor:
Inventor's Name:


Kerrin A. Rummel

Residence (City, County, State)

Richardson, Collin County, Texas

Date Assignment Executed:

October 1, 2007

Date Application Executed:

October 1, 2007

DAL01:977421.1

PATENT
REEL: 020716 FRAME: 0860

ATTORNEY DOCKET NO.
004578.1667


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Title

REMOTE COOLING OF A PHASED ARRAY ANTENNA

Signature of Joint Inventor:
Inventor's Name:



Gregory (nmi) Schaefer

Residence (City, County, State)

McKinney, Collin County, Texas

Date Assignment Executed:

10/01/07

Date Application Executed:

10/01/07

DAL01:977421.1

PATENT
REEL: 020716 FRAME: 0861

ATTORNEY DOCKET NO.
004578.1667

ASSIGNMENT

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Title **REMOTE COOLING OF A PHASED ARRAY ANTENNA**

Signature of Joint Inventor:
Inventor's Name:

Kevin W. Chen
Kevin W. Chen

Residence (City, County, State)

McKinney, Collin County, Texas

Date Assignment Executed:

10 / 01 / 07

Date Application Executed:

10 / 01 / 07

DAL01:977421.1

PATENT
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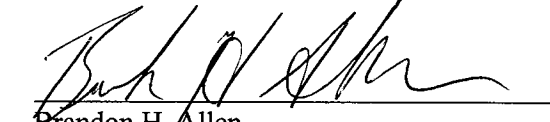
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Title **REMOTE COOLING OF A PHASED ARRAY ANTENNA**

Signature of Joint Inventor:
Inventor's Name:



Brandon H. Allen

Residence (City, County, State)

Wylie, Collin County, Texas

Date Assignment Executed:

10/1/07

Date Application Executed:

10/1/07

DAL01:977421.1

PATENT
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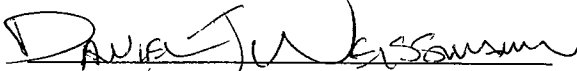
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Title **REMOTE COOLING OF A PHASED ARRAY ANTENNA**

Signature of Joint Inventor:
Inventor's Name:


Daniel J. Weissmann

Residence (City, County, State)

Allen, Collin County, Texas

Date Assignment Executed:

10/8/2007

Date Application Executed:

10/8/2007

DAL01:977421.1