

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Jonathan L. Lynch | 08/09/2006 |
| RECEIVING PARTY DATA | |
| Name: | Raytheon Company |
| Street Address: | Building 807/MS F8 |
| Internal Address: | P.O. Box 11337 |
| City: | Tucson |
| State/Country: | ARIZONA |
| Postal Code: | 85706 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11470422 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | RAYTH.5100 |
| NAME OF SUBMITTER: | Daniel J. Noblitt |
| Total Attachments: 1 source=RAYTH5100_2006-9-1_scannedassignment#page1.tif | |

OP \$40.00 11470422



NOBLITT & GILMORE, LLC
— Intellectual Property and Technology Law —

Attorney Docket Reference: RAYTH.5100
Client Reference: PD-05W243

ASSIGNMENT

WHEREAS, each undersigned inventor (hereinafter "ASSIGNOR") of the address indicated *vide infra* is an original and first inventor of "VARIABLE CROSS-COUPLING PARTIAL REFLECTOR (PD-05W243) (2005-10037)", for which an application for Letters Patent of the United States will be filed;

AND WHEREAS, RAYTHEON COMPANY (hereinafter "ASSIGNEE"), an entity having its principal place of business and mailing address at Building 807/MS F8, P.O. Box 11337, Tucson, Arizona, USA, 85706 is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms ASSIGNEE owns the invention as described in the aforesaid application. Nevertheless, to comport with Patent and Trademark Office procedures, ASSIGNOR memorializes that transfer in the form of this Assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR's full and exclusive right and title to the invention as described in the aforesaid application, in the United States and all foreign countries, together with any related applications or rights, including any Provisional, Non-provisional, Continuation, Continuation-in-Part, Divisional, Reissue, Reexamination, foreign, PCT, or other patent application or like document or right, as well as any right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date indicated *vide infra* by ASSIGNOR:

Inventor: Jonathan J. Lynch

Signature: [Handwritten Signature] Date: 8/9/06
Residence address: 2335 Janssena in, Oxnard, CA, USA 93035
2301 Victoria Ave.

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On this 9th day of August, 2006, before me, a notary public in and for said county, appeared Jonathan J. Lynch, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal) Belinda Keiderling
Notary Public

