PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Michael David SIMMONDS | 08/20/2010 |
| Mohmed Salim VALERA | 08/20/2010 |

RECEIVING PARTY DATA

| Name: | BAE SYSTEMS plc | |
|-----------------|-------------------|--|
| Street Address: | 6 Carlton Gardens | |
| City: | London, SW1Y 5AD | |
| State/Country: | UNITED KINGDOM | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13265487 |

CORRESPONDENCE DATA

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via US Mail.

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Address Line 2: SUITE 300

Address Line 4: GARDEN CITY, NEW YORK 11530

| ATTORNEY DOCKET NUMBER: | 28198 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | Paul J. Esatto, Jr. |

Total Attachments: 2

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> PATENT REEL: 027094 FRAME: 0800

CH \$40.00 132654

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned,

□ executed concurrently herewith

Hereby sell, assign and transfer to BAE SYSTEMS plc, a corporation of England and Wales, having a place of business at 6 Carlton Gardens, London, SW1Y 5AD, United Kingdom, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent

| | executed on | |
|--------------------|------------------------------------|---|
| 0 | Serial Number: | filed |
| and is entitled Im | provements in Optical Waveguide | S |
| and in and to said | annlication and all divisional cor | itinging substitute renewal reignic and |

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that, when requested, without charge to but at the expense of said

Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent

xA3217 US Assignment REEL: 027094 FRAME: 0801 and purpose of this assignment, the undersigned will, for the United States, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIMMONDS, Michael David

Date: 20/08/10

Witness:

IAN MACKEN

VALERA, Mohmed Salim

Date: 20/08/2010

Witness: ZAN MACKEN

Name of the State of the State