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Tab settings ⇌⇌⇌		102906598		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Root, George Raymond		2. Name and address of receiving party(ies) Name: Lockheed Martin Corporation Internal Address: _____		17548 U.S. PTO 11/007471	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Street Address: Intellectual Property Law Department Bldg. 400, Mail Drop 043, 9500 Godwin Dr			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		City: Manassas State: VA Zip: 20110 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Execution Date: 12/07/2004					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 7 Dec 2004 A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: DeMont & Breyer, LLC Internal Address: _____ Street Address: Suite 250 100 Commons Way City: Holmdel State: NJ Zip: 07733		6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41). \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)			
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Wayne S. Breyer _____ 8 Dec 2004 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 2					

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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE
Assignment and Agreement

For value received, I, **George Raymond Root**, of Gambrills, MD, USA, hereby sell, assign and transfer to Lockheed Martin Corporation, a corporation of the State of Maryland, having an office at Intellectual Property Law Department, Bldg. 400, Mail Drop 043, 9500 Godwin Dr, Manassas, VA, 20110, USA, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to all of the inventions in the patent application identified by DeMont & Breyer's Attorney Docket as **711-037US**, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lockheed Martin Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Lockheed Martin Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lockheed Martin Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Lockheed Martin Corporation in the United States and in all countries foreign to the United States, or to such nominees as Lockheed Martin Corporation may designate.

I agree that, when requested, I shall, without charge to Lockheed Martin Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Signature of **George Raymond Root** and Date Signed


Witness or Notary's Signature and Date
RICHARD W. MATTOX

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Holmdel, NJ 07733
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