

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Carl D. Wise	07/22/2009
Norman F. Powell	07/22/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Northrop Grumman Systems Corporation
<b>Street Address:</b>	1840 Century Park East
<b>City:</b>	Los Angeles
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90067
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12508189
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)621-4072
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<b>Correspondent Name:</b>	Christopher P. Harris
<b>Address Line 1:</b>	Tarolli, Sundheim, Covell & Tummino LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	NG(ES)019176 US PRI
<b>NAME OF SUBMITTER:</b>	Christopher P. Harris
<b>Total Attachments: 2</b> source=ES019176Assignment#page1.tif source=ES019176Assignment#page2.tif	

OP \$40.00 12508189



IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 22<sup>nd</sup> day of July, 2009, and has executed the referenced patent application on the 22 day of July, 2009.

Norman F. Powell  
Norman F. Powell

STATE OF Maryland  
COUNTY OF Anne Arundel <sup>SS</sup>

On 7/22/09 before me, Norman F. Powell JANE B. CALLANAN, personally appeared Norman F. Powell, proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to this instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument to be the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Jane B. Callanan  
Notary's Signature  
Jane B. Callanan  
NOTARY PUBLIC  
Baltimore County, Maryland  
My Commission Expires 04/01/2010