504787227 02/21/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN F. REHLING	02/20/2018

RECEIVING PARTY DATA

Name:	NORTHROP GRUMMAN SYSTEMS CORPORATION
Street Address:	2980 FAIRVIEW PARK DRIVE
City:	FALLS CHURCH
State/Country:	VIRGINIA
Postal Code:	22042-4511

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15901486	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	NG(ST)027260 US NPR	
NAME OF SUBMITTER:	CHRISTOPHER P. HARRIS	
SIGNATURE:	/Christopher P Harris/	
DATE SIGNED:	02/21/2018	

Total Attachments: 1

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PATENT 504787227 REEL: 044991 FRAME: 0739

ASSIGNMENT

WHEREAS, I, John F. Rehling, hereinafter referred to as Assignor, have invented certain new and useful improvements in IMAGE SCALER, described in an application for United States Letters Patent, executed by me on the date as stated below;

WHEREAS, Northrop Grumman Systems Corporation, a Delaware corporation, having its principal place of business at 2980 Fairview Park Drive, Falls Church, VA 22042-4511, United States of America, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

NOW, THEREFORE, in consideration of Assignor's obligations to Northrop Grumman Systems Corporation, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent that may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent that may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent that may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Assignor hereby acknowledges that at the time of making the improvements herein identified, Assignor was under an obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;

Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, Northrop Grumman Systems Corporation, its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same right could have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting said improvements; to promptly provide Assignee with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignor; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, the undersigned has executed the referenced patent application on	uted and delivered this instrument this the 20 Th day of February	20th day of February, 2018.
$Q_{\mathcal{E}}$	In F. Relly	
/*	<i>J</i>	JOHN F. REHLING
A notary public or other officer completing this certificate to which this certificate is attached, and not the truthfulness	e verifies only the identity of the indi s, accuracy, or validity of that documer	vidual who signed the document at.
STATE OF CALIFORNIA)) ss		
COUNTY OF SAN DIEGO)		
On February Zo, 2018 before me, Mryca M Rehling, proved to me on the basis of satisfactory evidence acknowledged to me that he/she/they executed the same in on the instrument to be the person(s), or the entity upon beh	to be the person(s) whose name(s) is/a his/her/their authorized capacity(ies),	ure subscribed to this instrument and and that by his/her/their signature(s
I certify under PENALTY OF PERJURY under the laws of	the State of California that the foregoing	ng paragraph is true and correct.
WITNESS my hand and official seal.		
MWSto	MONICA MARIE STOUT Notary Public - California San Diego County Commission # 2201182	(27)
Notary's Signature	My Comm. Expires Jul 10, 2021	(SEAL)

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RECORDED: 02/21/2018