

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Henry C. Abbink		12/02/2004
RECEIVING PARTY DATA		
Name:	NORTHROP GRUMMAN CORPORATION	
Street Address:	21240 Burbank Boulevard	
Internal Address:	Building 35	
City:	Woodland Hills	
State/Country:	CALIFORNIA	
Postal Code:	91367	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11009438	
CORRESPONDENCE DATA		
Fax Number:	(714)427-7799	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
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Correspondent Name:	Albin H. Gess, SNELL & WILMER LLP	
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NAME OF SUBMITTER:	Albin H. Gess	
Total Attachments: 2 source=11009438 Assignment#page1.tif source=11009438 Assignment#page2.tif		

CH 11009438 \$40.00

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PATENT
REEL: 016615 FRAME: 0197

ASSIGNMENT

WHEREAS, I the undersigned, Henry C. Abbink, citizen of the United States, residing at 1884 Fallview Road, Westlake Village, California 91361, have invented a new and useful **PHOTO-DETECTOR AND RELATED METHODS**, Attorney Docket No. 34261-9000, for which an application for United States Letters Patent was filed on December 9, 2005 and assigned Serial No. 11/009,438; and

WHEREAS, I verily believe myself to be the original, first and sole inventor of the invention set forth in said application for Letters Patent and represent that I have not conveyed or hypothecated any right or interest therein; and

WHEREAS, **NORTHROP GRUMMAN CORPORATION**, a corporation of the State of Delaware, sometimes hereinafter referred to as "said assignee," having a principal place of business at 21240 Burbank Boulevard, Building 35, Woodland Hills, California 91367 is desirous of acquiring the entire and exclusive right, title and interest in and to said invention, and any and all patent applications which may be filed thereon, and any and all Letters Patent which may be granted or issued therefor in the United States and throughout the world, including any and all divisions, continuations, reissues and extensions of any of the foregoing.

NOW, THEREFORE, in consideration of obligations voluntarily assumed by me and other good and valuable consideration, and for the further consideration of the sum of One Dollar (\$1.00) paid to me, receipt of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto said assignee, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, patent applications and Letters Patents which may be granted or issued for said invention in the United States and throughout the world, including all divisions, continuations, reissues and extensions thereof, and all international priority rights associated therewith; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and duly constituted authorities of foreign countries to issue all Letters Patent relating to the foregoing assigned rights to said assignee, its successors and assigns.

I agree that I will at all times keep said assignee advised of my whereabouts; and I will promptly, upon request of said assignee, and without further compensation, but at no out-of-pocket expense to myself, do all lawful acts, including the execution of all necessary documents and the giving of testimony that, in the opinion of the assignee, its successors and assigns, may be necessary or desirable for obtaining, sustaining, or reissuing United States

Docket No. 34261-9000

and foreign Letters Patent relating to the foregoing assigned rights, and for perfecting, affirming, recording, and maintaining the title of said assignee, its successors and assigns thereto; and that I will generally cooperate to the fullest extent in all matters pertaining to said invention and patent and said assignee's title thereto.

IN WITNESS WHEREOF, I have executed this instrument at Woodland Hills, California on December 2, 2004.

By: Henry C. Abbink
Henry C. Abbink

STATE OF CALIFORNIA)
COUNTY OF Los Angeles) ss.

On 2nd December before me, Patricia Ann Davis, Notary Public, personally appeared Henry C. Abbink, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Patricia Ann Davis
Notary Public

My commission expires:

July 17, 2005

