

2833-66/1

ORD # 2049-66

Adm 10.1
Corresp.

3 JUN 1966



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I am answering your letter of 6 April and am taking this opportunity to express our appreciation of your interest in the truly critical field of optics. I can assure you that there is nothing strange about your letter or about the improvement you propose.

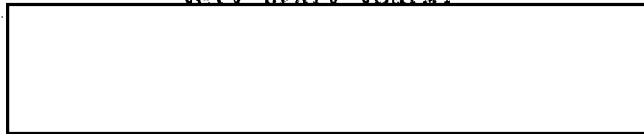
I believe that most of the non-astronomical catadioptric systems in current use by government agencies (an example being the missile-tracking cameras at Cape Kennedy) have adequate adjustable apertures as part of the basic design. However, these special-purpose systems are generally not commercial items, and your invention may provide a means of increasing the utility of the smaller commercial systems which are built to a certain price level rather than for a specific optical problem. I would suggest that you discuss your invention directly with the larger optical companies, such as those who advertise in publications of the Optical Society of America, and also with the smaller "custom" optical manufacturers in your area. You might also consider writing up your invention for publication, Sky and Telescope being a logical place to start.

The fact that you are interested in this problem now indicates that you may soon be entering a career in optics. We would like to encourage you in this and to point out that there are numerous scholarship and fellowship programs supported by your government for the specific purpose of making possible the development of highly trained people to work in

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optics and other critical defense areas. When an outstanding technical capability is combined with a sincere dedication to strengthening our government, we also point out to young scientists the remarkable opportunities for a satisfying and rewarding career in Federal service. I hope that you will continue with advanced degree work in optics, and that you will consider such a Federal career when your technical education is complete.

Very truly yours,



ALBERT D. WHEELON
Deputy Director
for
Science and Technology

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O/ORD/DD/S&T/[redacted] fh [redacted] (24 May 66)
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DD/SIA 2833-66

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ADM
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Concep.

April 6, 1966

Mr. Albert D. Wheelon
Deputy Director for Science and Technology
Washington, D. C.

Dear Mr. Wheelon:

I am communicating with you because it is my belief that I can be of service to you and your firm. For the last three years I have been involved in photography. In fact I grew up around photography. Approximatly nine months ago I came across some articles on catadioptrics or as they are better known mirror-telephoto optics. I became entranced by the problem of putting an adjustable aperture on such a lens. I have found a practicle way to adapt almost any rear-focus lens for this purpose and by special construction a front- focus modle could be made to use my system. My system is both simple and practicle and above all else it is workable.

I am writing this letter because I am an American! I was brought up to believe in our system of government and it's greatness. This letter so far might sound some what strange and tax your credulity, I assure you that I am right and that this letter is no joke. My idea is practicle, workable and follows all the laws of optics.

I am a teenager and a high school student. I will be eighteen June 18, 1966. I have lived in [Redacted] all my life. I stand 5' 11" and weigh 222 pounds. About four years ago I was tested on the Stanford-Benet Inteligence Test, my score was 140. Our school ends June 10, 1966. The last week is for time only. If you have already found a method of placing an aperture please let me know. I believe in my idea and if for some reason you can not use it I would hope to put it on the comercial market. So far I am the only one that knows how my idea works. I hope to hear from you soon.

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Sincerely,

[Redacted]

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TRANSMITTAL SLIP		DATE 12 May 1966
TO: Dr. Wheelon		
ROOM NO.	BUILDING	
REMARKS: An interesting letter. Suggest that the Agency respond, possibly by having someone call on [redacted] (perhaps [redacted], unless the Agency feels we might be accused of subverting high school students. [redacted] [redacted]		
FROM:		
ROOM NO.	BUILDING	EXTENSION

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FORM NO. 241
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REPLACES FORM 36-8
WHICH MAY BE USED.

☆ GPO : 1957-O-439445

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Deputy Director for Science and Te
Central Intelligence Agency
Washington, D. C. 20505



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