Johns Hopkins University
Baltimore, Jan. 21st 1918

My dear Prof. Michelson,

I should be most

happy to make you a

grating, but I am

afraid there are many

ahead of you. You

wrote me in December

(July 20,000 lines per day) and

the last diamond took

one two months at

$10. But I would

rather have an American

do this work than a

foreigner. The

complete apparatus

To work with a concave

grating will be about

$200.

Concave grating on 6 in.

circle, having about 30,000 lines.

Automatic apparatus

including slit, phototube,

camera, eyepiece, back,

and microtome, about $200.

Setting up room, $100.

You will need a large

dimension, about 21 x 35.

The next size is an

6 in. circle, and have

about 40,000 lines. The

flat once will show

more than any tool

has ever seen before.

but need a pair.
of telescopes of 3 in. diam.,
of objection. These cost about $50. Anything
smaller than this we do not trouble
ourselves with at present.

Yours truly,

Henry A. Rowland