

P.S. I went down to
boss, optician, the
other day & asked
him how much
he would charge
to fix the ~~opt~~
dark glass of
low power eyepiece.
He said that he
would have to
grind it flat &
~~in order to that~~

McC Gill College
April 1. /70.
ACC 996
for my invention.
a so you see
the further
necessity

Dear George,

Invention for Telescope I am through most

of my examinations now, & have done
pretty well on the whole but of course
have not heard the results
yet. We began on Monday
the 21st ult. & We have only
two more examinations now, viz:
English History & Eng. Literature.
The difference in the size at the
beginning was owing to Churnas
calling out "Write big" just after
I began. The weather is fine
now & the snow is disappearing
rapidly, & carts have come into
& general use, & as also some

Carriages.

Is n't it dreadful to have to go to Murray Bay twice, especially two years in succession!!!! But I suppose I will enjoy myself ~~as well~~ pretty well, or rather I suppose I will get through as much work there as any where else, so after all it ~~dos does~~ does n't make so much difference.

I suppose that on account of having such an early spring, we will have ~~so~~ some snow-storms in May, or some other outlandish thing happening. You know we have a half holiday every day on account of our examinations, so that we may study up, for the next one. We have one today so I take advantage of it to

write to you. A half-holiday
is little enough to study up
of for such a subject as Eng.
History, or the Geography of
the World! especially when an
hour or so has to be taken out of
it for exercise.

I discovered the other day that
the Bayneses have a Sextant, so
I went over to look at it, & found
that it was a "first class 'article".

The Telescopes however are slightly
out of order, & I believe Mr.
Baynes had it sent down to
be repaired. After O'Hara said
that I might have the use of it
whenever I liked; so after my
~~exam~~ examinations I intend
to use it, having previously provided
myself with an ~~artificial~~ artificial horizon

for which papa will lend me
some mercury.

I have & made a grand
thing for the telescope like this;
AB is a screen on which an im=
age of the sun falls
showing all his spots
to great advantage. c is the tube
you look in at. The box is dark=
ened inside, & by shoving it nearer
to, or further from, the eye piece, the
sun's image may be made of any
size. (See how beautifully the rays
gush out of the eyepiece & fall
upon the white screen!) The advan=
tage of all this is; (1) The eyepiece
of the low power got melted as you
know & so this overcomes that difficulty
& (2) It shows the spots with the high power
eyepiece to greater advantage than by any
other method. Your affectionate
brother, William.

