

Feb. 24~ 4

Thos. Moy Esq

Dear Sir.

I have yours of Jan. 30<sup>th</sup>. I am afraid that I disagree with you as to the retarding effect of "Surface friction" in flight. It seems to me that the principal cause of what I term "full resistance" is in the force required to cleave the air and to compress it so as to allow for the passage of the body. The mere friction, that due to the rubbing of the particles, seems to me very small. However, I am open to conviction, and I shall be glad to have your data and facts.

I have again, as you suggested, considered your inverted pendulum. I think it will work but I somehow feel that the same effect can be got better in some other way. Lilienthal seems to do the reverse, and to resist wind effects by voluntary movements of his own.

Yours Truly

O. Chanute