

Kasan, 1916, XII  $\frac{12}{25}$ .

Dear Sir,

A short time ago your excellent book came in to my hands. I regret that in your brilliant investigations you have not taken in consideration the literature of the physiological sciences. I should like to call your attention to one point.

You describe in your book an experiment with the violin. The sound of the violine was registered photographically by the help of your splendid phonodeik. You have notified, that if the box is drawn in one and the other direction the registered sound waves are symmetrical as an object and its reflexion in a mirror. You draw the conclusion from

this fact that the tone quality is independent of phase. In a short pamphlet of 1904 I derived this fact and drew from it the same conclusion about the independence of tone quality to phase. For the registration of the violin sound I did not use any diaphragm; I fixed a small mirror to the violin in a special manner. I will send you the small pamphlet, from which you will see the arrangement and the conclusions.

It is some time since I first heard of your investigations, but it is very difficult in Russia and more especially in Kasan to obtain the printed matter in Russian American of special scientific

Societies. It is for this reason that I beg you to send me some copies of your special acoustic investigations: in so doing you will render me a great service.

Thanking you in anticipation  
I am yours truly

A. Samojloff.

My address: Kasan (Russia)

Prof. A. Samojloff,  
University, Physiological laboratory.