

GEORGE FABYAN  
CHICAGO

P O BOX 435

Dec.3,1919.

Dear Colonel Mauborgne:

Many thanks for the bulbs. One of them blew up as soon as it was put on, the other one appears to be O.K. These are great valves and they sure are interesting.

The leading Physicists of the country were at Chicago and some of them at Riverbank. There was one fellow in Chicago who said he was experimenting with the bulbs and he had gotten down to 50 vibrations a second. At their meeting, another fellow read a paper stating that he had got them down to 2 impulses a second and everybody thought that was a great feat.

At Riverbank, we go to sleep between impulses, having hitched them up so we get one (1) once in five minutes with the regularity of clock work and, of course, the number of vibrations can be increased per minute and per second and we may be able to make it once in 10 minutes but I doubt it.

This is the first announcement of this that has been made. Does the Signal Corps want it or any other Department of the Government and what is the application?

Your letter says that you suppose that I want another 100 cipher tapes. Please be generous this time and send me 200 cipher tapes. Have a heart.

Sincerely yours,

Lt. Colonel J. O. Mauborgne,  
Signal Corps,  
1202 Eighteenth St., N.W.  
Washington, D. C.