

## **ACTIVITIES OF THE SOCIETY.**

### **Meeting of the Refractories Division.**

Niagara Falls, N. Y., August 4, 1919.

The meeting was called to order by the Chairman immediately after the dinner given by the Society. There were eighteen persons present.

Attention was called to the necessity of securing papers for the next annual meeting. Upon canvassing the audience, Messrs. Harvey, McDowell, Babcock, Howe, Klein, Shaw and Ross agreed to submit contributions.

The urgency of the situation with reference to the refractories used in the glass industry was then discussed. A motion to create a sub-committee on Glass Refractories was adopted. This Committee is to be instructed to coöperate with the Glass Division in every way possible.

A general discussion took place on the subject of research topics having a direct economic bearing. Among the problems brought out were the following: Sagger compositions; thermal expansion; effect of weathering; microstructure; critical spalling temperatures; kiln design; thermal conductivity; relation between size of specimen and spalling effect, dolomite brick, cements, coke oven insulation, and steam-pressed vertical lime-kiln brick. As a result of this discussion, motions to create two additional sub-committees, one on sagger compositions and one on microstructure, were seconded and carried.

It was finally voted that a monthly letter be issued by the Committee to its membership, keeping it informed concerning matters of importance and interest. The fund allotted by the Society to the Division is to be used for this purpose at first. Later it might be possible to enlarge the monthly letter to a printed pamphlet, supported by regular contributions from the membership of the Division.

RAYMOND M. HOWE,  
*Secretary.*