burning in a confined space of air, produce an atmosphere of almost identical composition with that of air expired from the lungs.

3. The extinctive atmospheres produced by the combustion of the flames of candles and of lamps, and the air expired from the lungs after inspiring fresh air, are respirable with safety.

4. The extinction of an ordinary candle or lamp flame is not necessarily indicative of the unsuitability of an atmosphere to maintain life when it is breathed.

Presents, February 21, 1895.
Transactions (continued).

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