



STEEL AND McINNESS BRAKE.

We illustrate on these two pages, the Steel and McInnes brake fitted to the Caledonian train tested during the recent brake competition. Two methods of securing the hose to the cylinders were used on the train, but the second, which is regarded as the latest and best, is shown in the enlarged views Figs. 1 and 2. For the following description of the brake we

are mainly indebted to a paper read before the Society of Engineers, by Mr. St. John Vincent Day, of Glasgow.

This is a compressed air brake, and is in regular operation on the Caledonian Railway. The communication from the air reservoir throughout the whole apparatus is clear, the only valves being a simple clack on each brake cylinder. This brake is applied under two different arrangements:—