

will tell you when your fusing point is reached. If the porcelain comes out rough, it is not fired enough. If it comes out a lighter shade or is porous, it is over-fused.

The furnaces now on the market are very numerous, most of them being operated by electricity. The electric furnace is no doubt efficient, but it is very slow and not always to be depended upon. Wires are constantly burning out and it takes time and skill to repair them.

I still stick to my gas furnace and have yet to find its equal in any respect. Mine has been operated to no small extent for nearly five years without a single repair, and would always fuse Close's body in less than three minutes. It certainly is noisy, but that is no serious objection to it. The many minor details of the insertion of an inlay would, perhaps, be confusing if I attempted to enumerate all of them, but they come to one by constant practice. I hope in the discussion of this short and imperfect treatise of this subject to glean a few points which I have no doubt not touched upon.

FILLING OF ROOT CANALS IN RECENTLY DEVITALIZED TEETH.*

BY DR. W. A. BROWNLEE, MOUNT FOREST.

The extirpation of nerves and filling of root canals in recently devitalized teeth is attended with less difficulty than any other class of canal treatment. The conditions within the tooth are not out of harmony with the surrounding tissues, the canals are aseptic, no inflammation of the peridental membrane exists, therefore no medicinal treatment is necessary, the preparation and filling of the canals being entirely mechanical. I do not propose to discuss devitalization or extirpation, as these do not properly come within the scope of the above title as allotted to me by the Secretary. The preparation of the canal, however, is so closely connected with the filling, and of so much importance towards the success of the work, it is necessary to speak of it first. Free access should be had to all canals, so that a drill may be passed into the canal in a line with the axis of the root. Now enlarge

* Read before the Ontario Dental Society.