

cylinder. The next stage of the operation is to grind the anterior surface of the cylinder very thin; then adjust it to the root. Hold it firmly in its place until, by means of a round-ended burnisher, it can be malleted in such a manner as to reduce the front sufficiently to make room for the prepared veneer. In the engraving, Plate S, the completed operation is shown, indicating that not only the veneer has been fused to the prepared cylinder, but also a portion of artificial gum was added; thus restoring the proper length of tooth and completely concealing the position of the abnormal root. In many instances both tooth substance and gum can be restored artificially, and to a degree of perfection that will be a surprise to the uninitiated in the art.



PLATE S.

Miss —, 14 years of age, healthy and well developed, except the defect in the teeth, presented a condition as illustrated in the engraving Fig. 1, Plate G.



BEFORE THE [PLATE G.] OPERATION.

This will be interesting both to the dentist and the physiologist. Notice that the roots of the teeth have grown to almost their normal size, and are evidently still progressing. It will be observed that the enamel of the crowns is perfectly developed for a short distance from the roots, and that it ends abruptly, the rest of the crowns showing a want of development, principally on that portion of the teeth where enamel alone should form; it will also be seen that the defect involved all of the front teeth and a portion of those at the back. On the lower jaw marked traces of the same defects were apparent and correspond to the same conditions as above. The indications are that in childhood local causes had in some way retarded the building up of the functions during the greatest period of the development of these particular teeth, which was verified by the statements of her parent, who informed me that her daughter, when a child, had been in feeble health for several years, and this after a severe attack of scarlet fever. Here then is a beautiful illustration of the