

TO MAKE A PERFECT CAST.—Marble dust and glycerine—about 4 ounces glycerine to a quart of marble dust—makes a beautiful cast. I have been using it for a long time, and like it better than anything else I have ever tried; in fact, can find no fault with it.—*Chas. P. Grant, Dental Office and Laboratory.*

To add gold to an old gold-filling when a tooth has broken, leaving a gold filling otherwise in good condition. Cleanse the surface of the filling with alcohol and chloroform, and dry with bibulous paper and hot air. Anneal the surface with the flame from a minute ball of cotton on a probe dipped in alcohol and ignited, heating as hot as can be borne by the patient. Then pack new gold on the surface, the union between old and new gold being indistinguishable.—*Dr. J. Wilson Moore, in Cosmos.*

LOW FUSIBLE METAL.—Dr. R. Mathew makes a low fusible metal which melts below the boiling point of water, and is very hard. It is composed of forty-eight parts of bismuth, thirteen of cadmium, and nineteen of tin. It melts at so low a temperature that it can be packed with the fingers. A common plastic impression can be taken to the laboratory and poured at once without waiting to dry—can even be poured in water, for counter-dies use common modelling compounds. Soften and place it in a ladle, and place the die on it and drive it with a plunger and hammer; then place the plate on the model and swedge it in the counter-die after it gets hard. Do this three or four times, but this will not draw it close enough: now use shot in the latter part of the process.—*Cosmos.*

SURE CURE FOR FELONS.—I wish to give the readers of the *Digest* a sure cure for felons—that is, taken in the incipient stage. A felon, as you know, is many times caused by burns, bruises, and the like, and very often by the long continued and constant pressure of small instruments, making dentists very prone to them. The first sign is a little sore point under the skin, feeling as if a needle-point or piece of glass had become imbedded there, and tender to pressure. Then go to the druggist and get a fresh piece of "fly blister," one quarter inch square, place it over the tender spot and hold firmly in place with court-plaster. Put it on before retiring at night, and in the morning a blister filled with serum will be present. Remove the fly blister, prick the blister, letting the contents out, then protect the sore spot for a few days and you will escape a felon. I have found this to always be a sure cure, if used in time, and no harm is done if a sore spot is wrongly diagnosed as a felon.—*F. J. Fessler, D.D.S., in Digest.*