

straight out like a roll of paper.

The ugliest part of a repair job is often the crude method most shop-boys use in fastening the bottom end of the grip with black plastic tape. No matter how careful he is, the job simply does not compare to the manufacturers' grip band. Therefore, when removing the grip, pull straight down slowly until reaching the grip band; hold onto the grip band with the left hand and reverse the pull on the grip, pull up toward the butt end and ease the end of the grip out of the inside of the grip band, leaving the band intact. It will then be a simple matter to regrip, place a dab of glue on the inside of the grip band, and slip it over the end of the grip, giving it a tapered, finished, factory-looking appearance.

If the shop-boy discovers that, due to swelling and shrinking, the sole plate screws or the face insert screws have worked loose and cause a rattle, naturally he will remove the plate and check the lead under the sole plate. In most instances, it will suffice to take a large countersink or large Phillips type screwdriver and strike the lead a sharp blow, spreading it out against the wall of the hole fastening it. Then, when replacing the sole plate screws, he should peg the screw holes with dowel rods before replacing the old screws. If dowel rods are not available, an oversize sole plate screw should be used so that the plate is firmly anchored. In our manufacturing, we use a  $\frac{5}{8}$  in. x 7 sole plate screw and when repairing, we are able to use the next larger size— $\frac{3}{4}$  in. x 8, thus insuring a tightly fitting, permanent sole plate.

The same method and thinking can be used when a face screw breaks loose. If a dowel rod of the proper size is not available, then simply turn to a larger size screw. In our case, we use a  $\frac{3}{4}$  in. x 4 face screw, and on a repair we are able to switch to a 1 in. x 5.

#### Removing Face Inserts

Quite often, the fibre face insert is pulled away from the head and is raised above the face proper. The experienced shop-boy knows that he must remove the face insert, clean out the face and remove bits of grass and dried dirt, and then check the face for warping.

Chances are that it is warped and should be sanded or filed flat and level before gluing and returning it to the wood head. If the insert still protrudes above the face, it can be carefully filed down flush with the face proper, being cautious not to remove the bulge and roll

which was originally placed in the club by the manufacturer.

This filing naturally removes some of the face scoring, and the good club man knows that face scoring, both on woods and irons, should be kept prominent and clean because it plays an important part in the ultimate result of a good golf shot. Therefore, to replace the face scoring, all good shops should be equipped with at least one blade of a jeweler's saw, such as used by the manufacturers. With this tool, it is a comparatively simple matter to replace the face scoring on the wood.

Next, he would sand it lightly to remove any rough edges, paint it with clear shellac (NOT orange shellac), and have the club ready for action in a very short time.

Many a fine wood club has been ruined due to the application of a file to the face by an inexperienced man. First of all, it is imperative for the shop-boy to realize that the face of every good wood club has a certain amount of bulge and roll. Each manufacturer endeavors to maintain a predetermined amount of bulge and roll to the face of their wood clubs. In our particular operation, we recommend a  $9\frac{1}{2}$  in. bulge, and the same amount of roll.

The horizontal measurement of a face, in factory terminology, is considered the bulge, and the vertical measurement is considered the roll. This simply means that if we were to draw a circle with a



#### CHICAGO GOLFERS CONTRIBUTE \$3500

Fred Slyder, Pres., Chicago Dist. Golf Association, (second from left) presents check in the amount of \$2500 to provide free tea and coffee to service men and women at the USO and \$1000 to send 20 sons of veterans to the American Boys Camp, Coloma, Wis. Money was contributed by Chicago area golfers. Receiving checks are (L to R) Charles Aaron, Pres. of the Chicago USO Club, Stanley Van Dyk, American Boys Camp, and looking on (R) S. T. Jessop, V-P, CDGA.