

Nydar INSTALLATION INSTRUCTIONS

RECEIVER MOUNT for PUMP and Automatic Type SHOTGUNS:

Remington Model 11 Auto-Loading, Winchester Model 40 Automatic, Savage Model 720 Automatic, Browning Automatic, Remington Sportsman Auto-Loading, Winchester Models 12 and 97 Pump, Remington Models 10, 29 and 31, Ithaca, Ranger, Western Field, Savage, Higgins Pump-Guns.

1. Remove barrel from receiver of gun. Remove recoil spring and friction washers from automatic, noting position so that they may be replaced as received.
2. Remove Nydar adjustment plate from mounting base by removing screws A, B & C (see figure 1).
3. Align and fasten mounting base centrally on top of receiver of gun with padded parallel clamp. Mounting base should be flush with end of receiver on Automatics, the side locking screws G & H toward barrel. Pump guns to mount approximately as per figure 2A so that the 8-36 mounting screws clear internal mechanism.
4. Using mounting base as drill jig, in-

Winchester Model 42 and 97 mount best with two center screws only; Higgins Pump with two rear screws and one in the center front mounting hole.

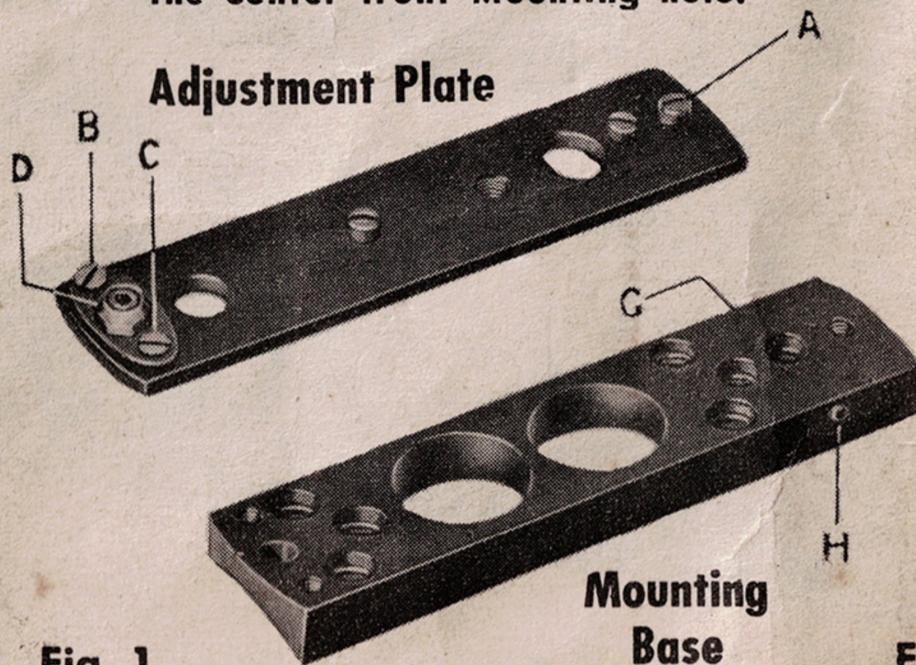


Fig. 1

- sert hardened steel bushing and drill (No. 30) carefully offset holes Nos. 1, 2, 3 & 4 through receiver on Automatics; from $\frac{1}{8}$ to $\frac{1}{4}$ inch deep into the pump guns (depending on metal available).
5. Insert tap bushing and tap four holes with 8-36 tap, using bottoming tap where necessary.
6. Remove chips and burrs.
7. Dip four 8-36 fillister head screws in "Clyptol" before screwing them into receiver and base, tightening them well and locking heads with centerpunch as shown in figure 2A.
8. Reassemble adjustment plate to mounting base, attach Nydar sight and align as outlined in instructions.

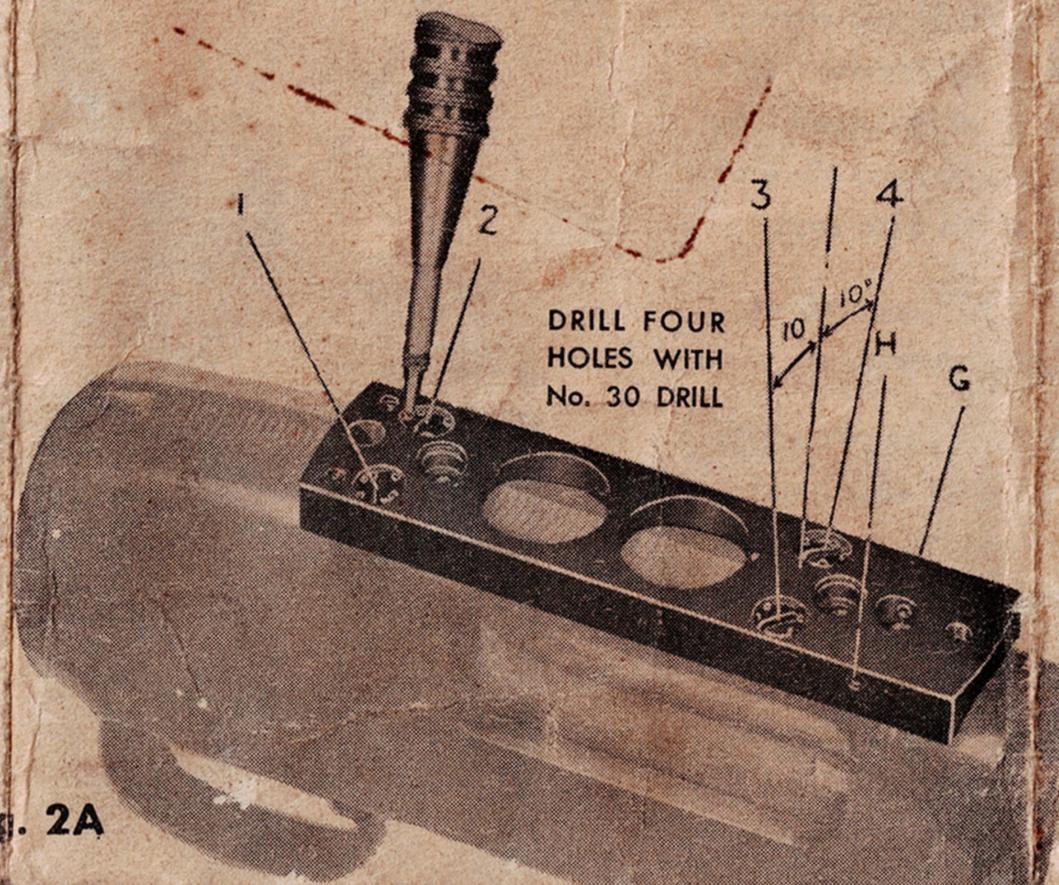


Fig. 2A



Nydar

PAT. APPLIED FOR

SHOTGUN SIGHT

Model 47

RECEIVER MOUNT

Adjustment
and
Installation
INSTRUCTIONS

SWAIN NELSON COMPANY
Glenview, Illinois

ADJUSTING THE *Nydar* SHOTGUN SIGHT

The Nydar Sight is adjustable to accommodate variations encountered with different guns. Once the Sight is aligned with the bore of the gun and patterned, no further adjustments are required. All adjustments are made with the Nydar Sight completely assembled and mounted on the gun.

The sight is aligned with the bore

of the gun as follows: The gun is rigidly held in position so that an object or target may be sighted and centered through the bore of the gun. Moving the target may sometimes be easier than shifting the barrel of the gun. A small mirror is useful in sighting through the automatic type gun, placing it at the breech

opening in the barrel.

When the Nydar is properly aligned, the center dot of the sight will also bear on the same target centered through the bore. This will seldom be the case with newly installed sights, and the adjustments listed below are then used to bring the center dot into line with the target.

1. Lightly loosen screw "A". Back out locknut "D" and screws "B" and "C" approximately 3 turns. See figure 3.
2. To elevate line of sight press down on screw "F" with screw driver and turn until the projected dot covers the target. Lightly tighten screws "B" and "C".
3. To make side adjustments, loosen screw "A" and make side alignment with the action of screws G & H on dowel "I". To move line of sight to the right, back up screw "H" and follow up with screw "G" until proper alignment is made. Then tighten screws G & H securely against dowel "I". Reverse procedure to move line of sight to the left.
4. Firmly tighten down screws "A", "B", "C" and locknut "D" and screw "E" to secure the adjustment.

The gun should be testfired at a 3 x 3 ft. paper target with a 6" dia. bullseye, at a distance of 25 yds. Aim at the bullseye and observe the shot pattern. If necessary, readjust the Nydar to point to the center of the shot pattern, proceeding as outlined before.

CAUTION: ALL SCREWS — MOUNTING, ADJUSTING, ATTACHMENT — MUST BE TIGHT

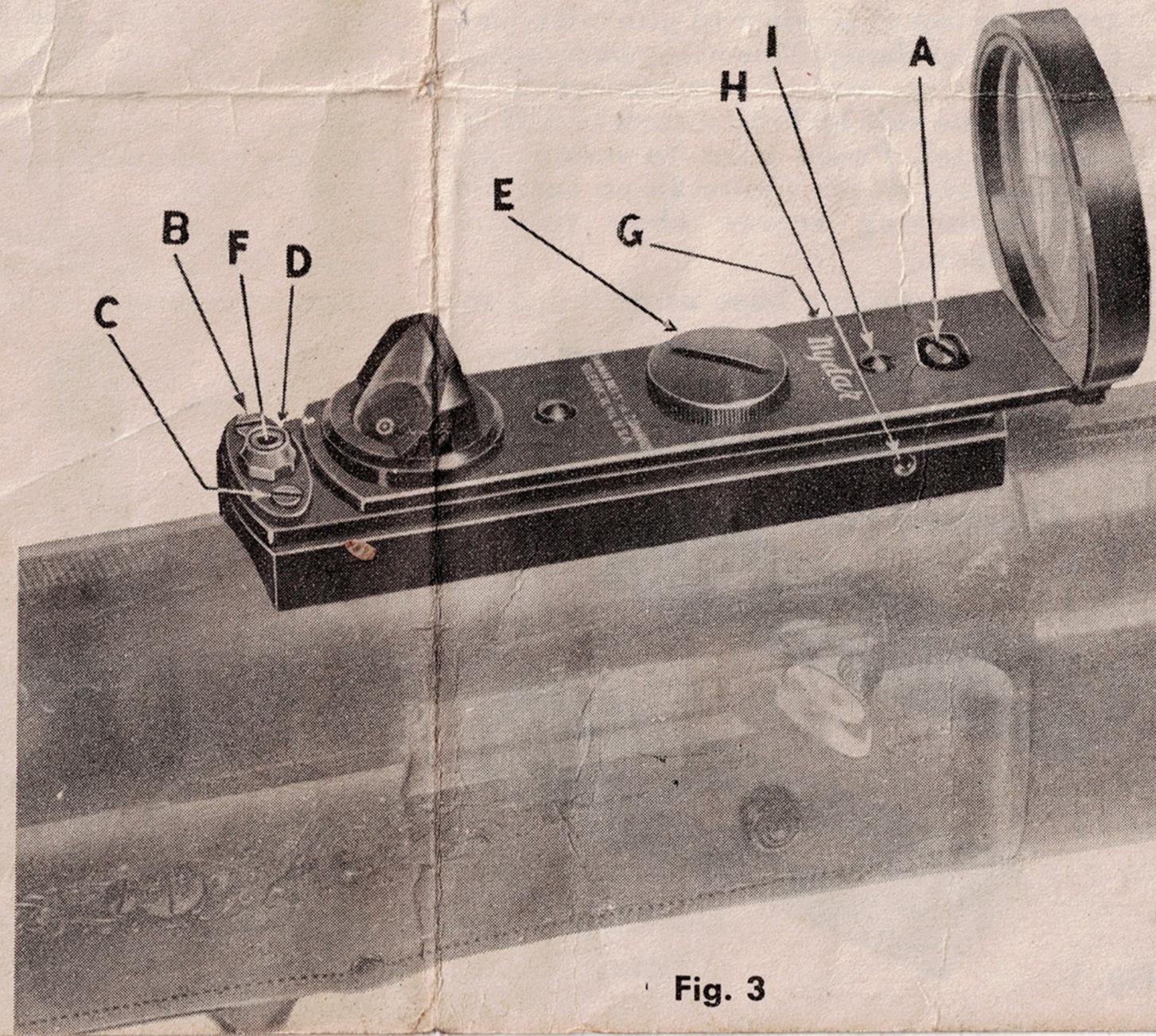


Fig. 3