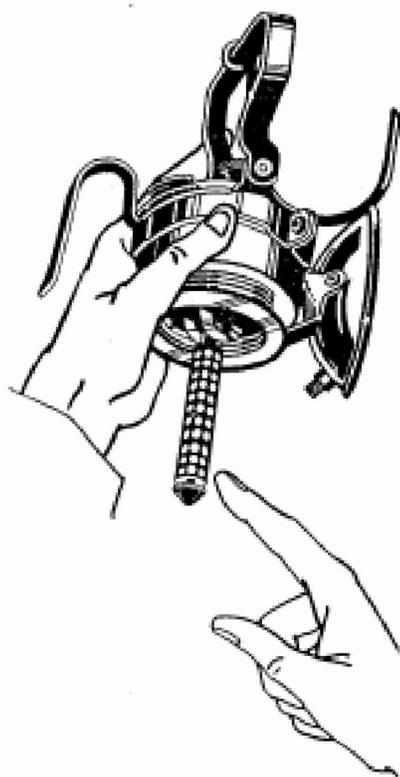




# BITS



*The*  
**BIG BOY**  
*is the only 8-hour Carbide  
 Miners Lamp equipped  
 — with the new . . .*

## CONSTANT FLOW HYDROLATOR

**It creates that Even,  
 Brilliant Flame**

**NO ATTENTION REQUIRED**—Once the water is turned on, the Constant-Flow HYDROLATOR maintains a continuous, uniform flow of water throughout the entire burning time of the lamp.

**WHAT IS THE HYDROLATOR?**—It is the new water control device developed by the engineers of the Shanklin Mfg. Co. to prevent clogging of the water feed with carbide sludge . . . a condition which usually occurs in this type of lamp when not equipped with the Hydrolator. *IMPORTANT NOTICE! Do not remove or change the Hydrolator in any way. It is adjusted perfectly at the factory.*

**HOW IT WORKS!**—The many perforations on the surface of the Hydrolator really act as hundreds of individual water jets which CANNOT become clogged with carbide sludge due to the arrangement of the filtering material. Capillary action forces a distribution of the water over an area of three square inches instead of at one point as is true in the old-style 8-hour lamps. Thus, the water flow is constant at all times, which in turn generates the even gas pressure required to produce a steady, brilliant flame.

**SHANKLIN MFG. CO.**      Springfield, Illinois

## Big Boy Insert Found in Lamp

I recently purchased an unfired 'Guy's Dropper Big boy', I believe the earlier type with the pinch threaded waist manufactured in Springfield by Shanklin, (is that pre 1936?).

Anyway, inside this unfired lamp was the original sheet of instructions as to the operation of the constant flow hydrolator that is fitted to this lamp, I enclose a copy for your possible interest.

Mick Corbridge