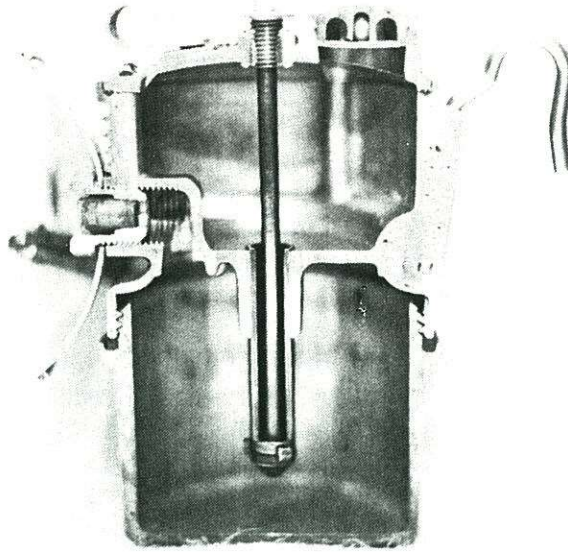


# LU-MI-NUM



## SALESMAN'S CUT-AWAY LAMP

by Dave Johnson

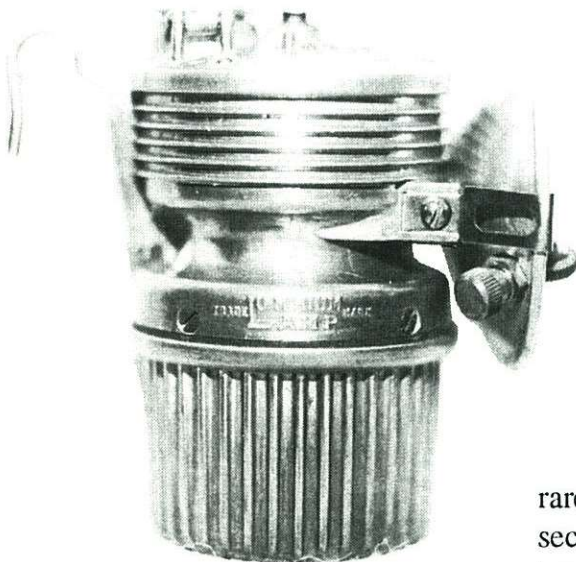
The LU-MI-NUM carbide lamp manufactured by the Fred R. Belt Company of Chicago is one of the most unusual looking cap and hand carbide lamps available to collectors. The lamp water chamber and base, with their unique finned heat dissipation feature, was manufactured of die-cast aluminum alloy, unlike other lamps which were made of die-stamped parts soldered together.

The cap lamps came in two models. The first, and much rarer, has a base that screws on. The second model uses a cam lock system to attach the base to the water chamber. The lamp was available with either a wire hook or an aluminum spade. A small smooth aluminum reflector is usually found on these lamps, though occasionally

they seem to have been fitted with the larger concentric ring reflector which is nickel plated. It is the same reflector that is found on the the hand lamp.

In order to demonstrate the features of their product, the Fred R. Belt Co. produced a cut-away version of their screw-threaded cap lamp. This cut-away shows the ball valve in the water cap that prevents the water from leaking when the lamp is tipped. The all brass water feed mechanism is clearly visible, as is the threaded piece that holds the burner tip and reflector in place. The top of the water chamber is a separate piece which is held in place by screws and is kept from leaking by a small diameter gasket.

Has anyone else found an example of this lamp?



*Viewed from "normal" side:  
note two set screws to keep top  
and bottom together.*