HORIZONTAL CUT IN A DRIVE. ALSO SHOWING OPEN SPACE REQUIRED FOR SWINGING OF MACHINE.

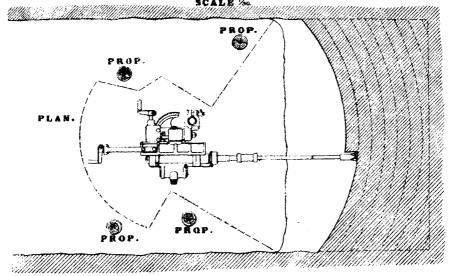


Fig. 1.

MACHINE SET FOR SHEARING. SCALE 50.

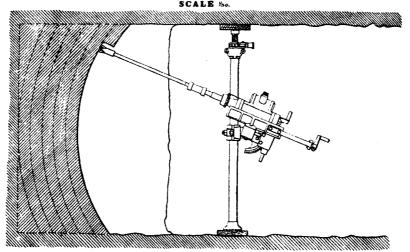


Fig. 2.

HORIZONTAL CUT IN A DRIVE ABOUT HALFWAY BETWEEN FLOOR & ROOF.

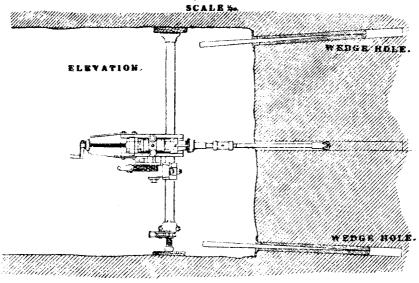


Fig. 3.

CHAMPION COAL CUTTER.