

United States Patent [19]

Hayes et al.

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[54] HAND FILE

[75] Inventors: Robert R. Hayes, Euclid; George H. Frost, Kent, both of Ohio

[73] Assignee: Oatey Co., Cleveland, Ohio

[**] Term: 14 Years

[21] Appl. No.: 293,004

[22] Filed: Aug. 14, 1981

[52] U.S. Cl. D8/90

[58] Field of Search D8/90, 101; 29/78, 79, 29/80; 51/392, 390

[56] References Cited

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4,178,663 12/1979 Hayes 29/78

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Hardware Age, 3-1980, pp. 108-109, Stanley "Sur-form" ® hand file.

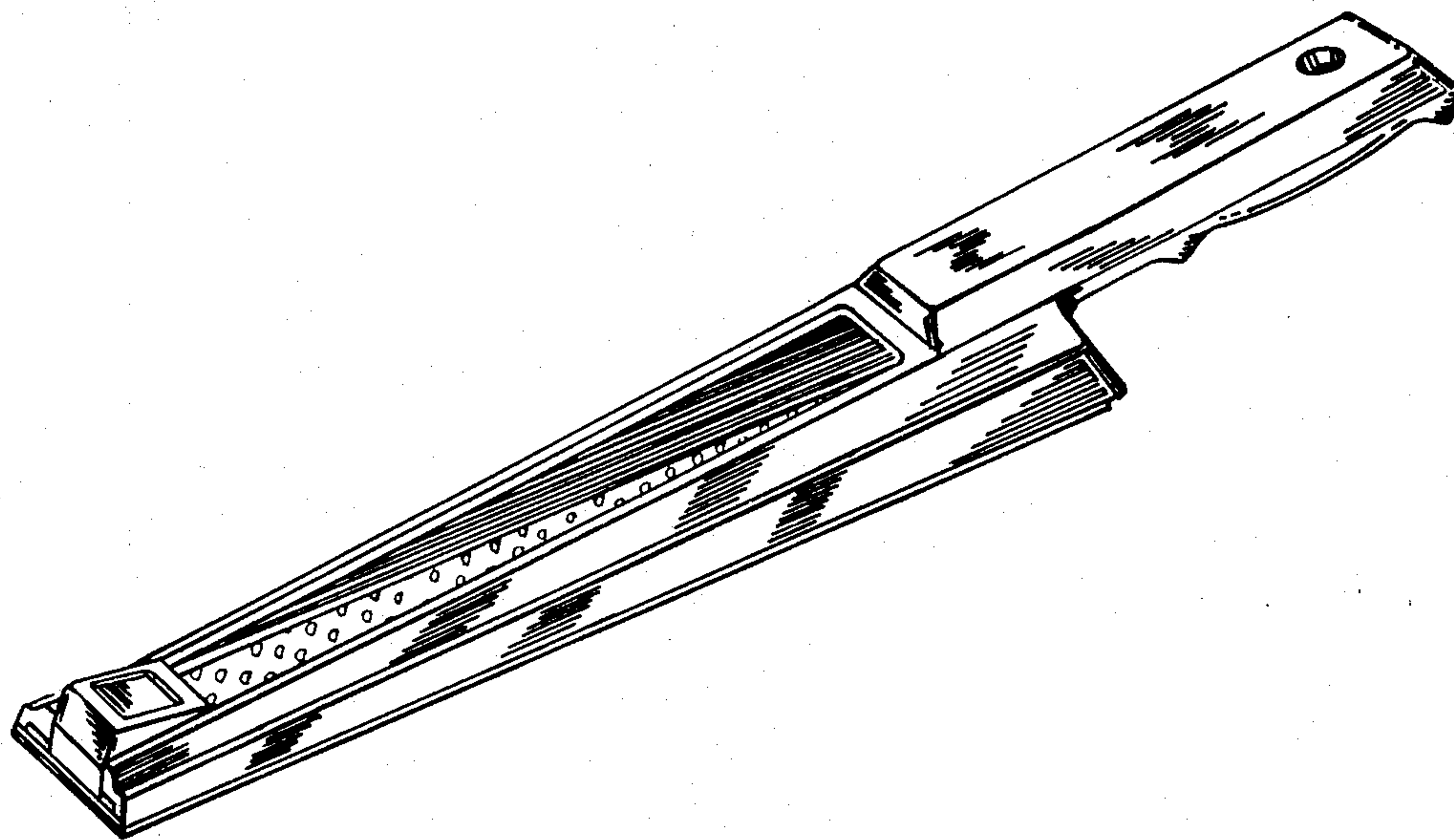
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Attorney, Agent, or Firm—Maky, Renner, Otto & Boisselle

[57] CLAIM

The ornamental design for a hand file, substantially as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the hand file showing our new design taken from the top and one side, the other side being identical thereto;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof, the cutting edges being partially shown for convenience of illustration;
FIG. 4 is a front elevational view thereof; and
FIG. 5 is a rear elevational view thereof.



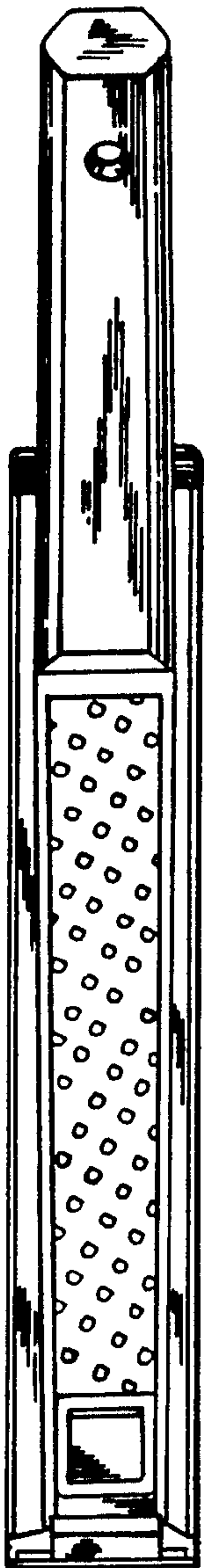


Fig. 2

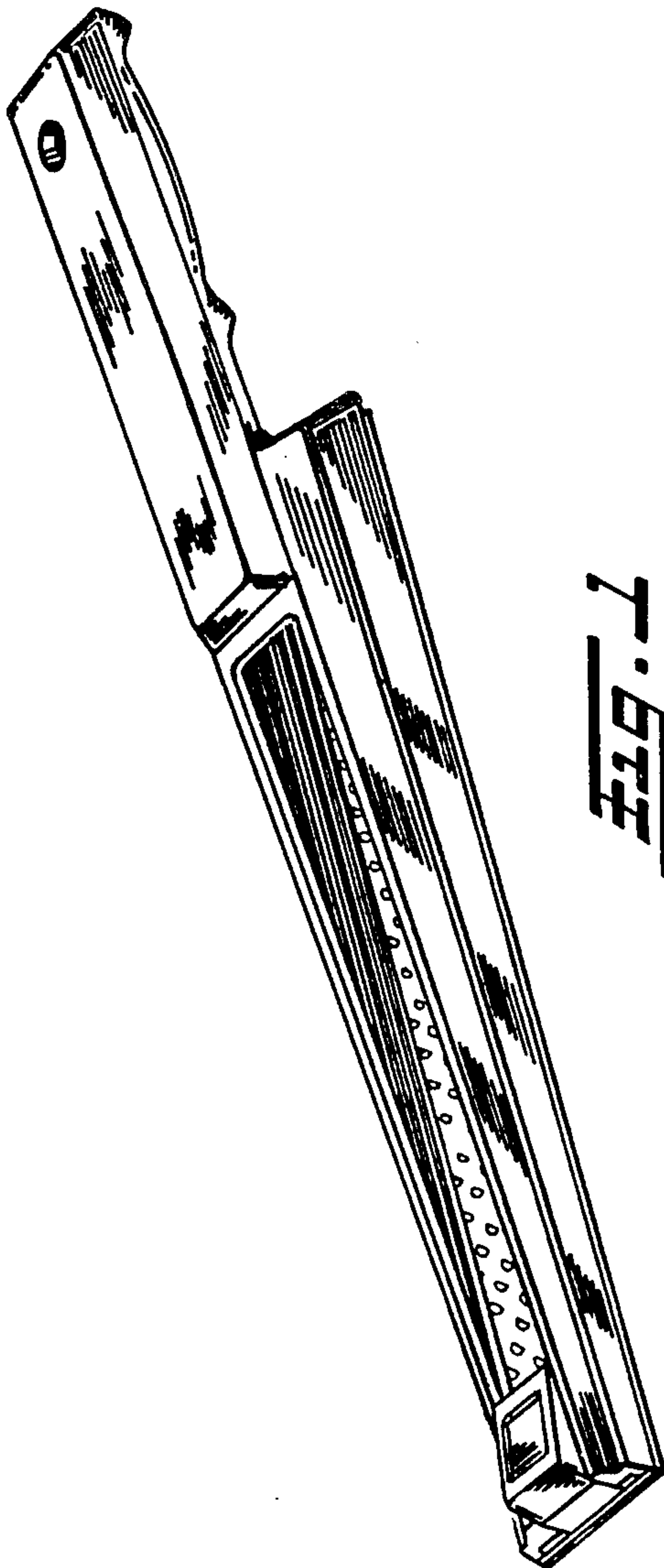


Fig. 1

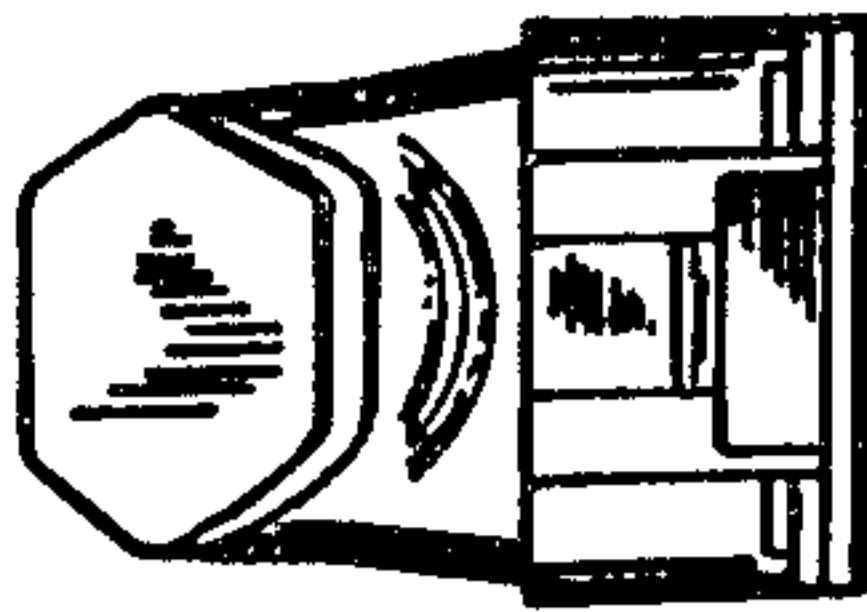


Fig. 5

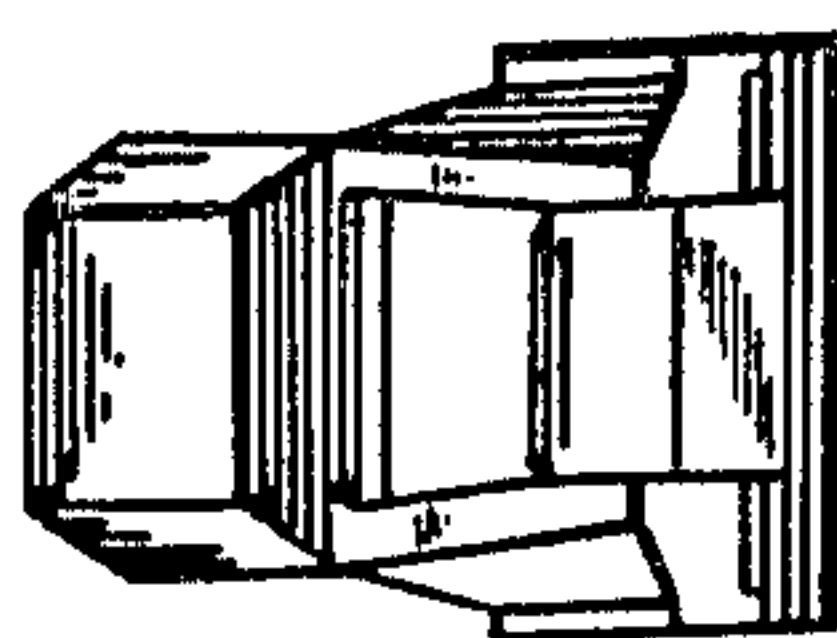


Fig. 4

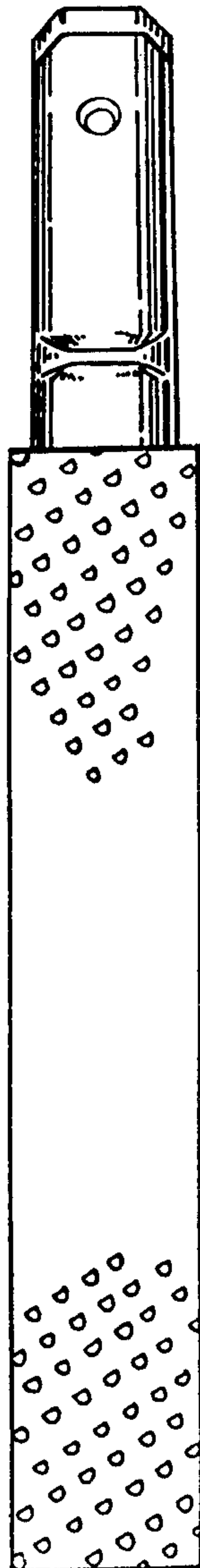


Fig. 3