

# United States Patent [19]

Liu

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[54] **MULTI-FUNCTIONAL WRENCH**

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[\*\*] Term: **14 Years**

[21] Appl. No.: **30,392**

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[52] U.S. Cl. .... **D8/23; D8/17;**  
**D8/105**

[58] Field of Search ..... **D8/14, 21-29,**  
**D8/105, 16-19; 81/119, 121.1, 124.2, 124.5,**  
**125, 125.1, 177.1, 124.3; 7/138, 139**

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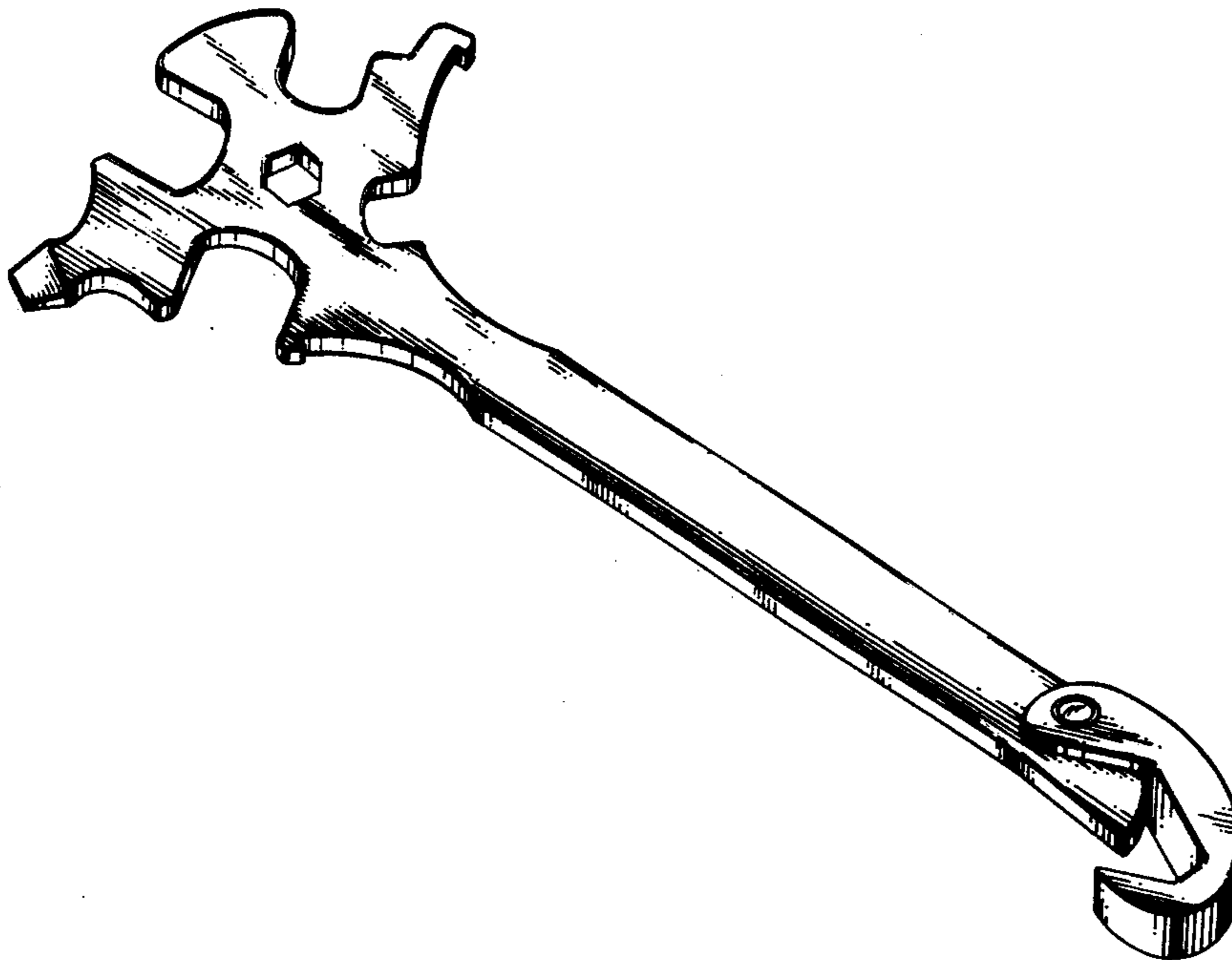
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[57] **CLAIM**

The ornamental design for a multi-functional wrench,  
as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view taken from above and one  
side of improved hand tool showing my new design;  
FIG. 2 is a top plan view thereof, the bottom view being  
a mirror image;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a left side elevational view thereof.



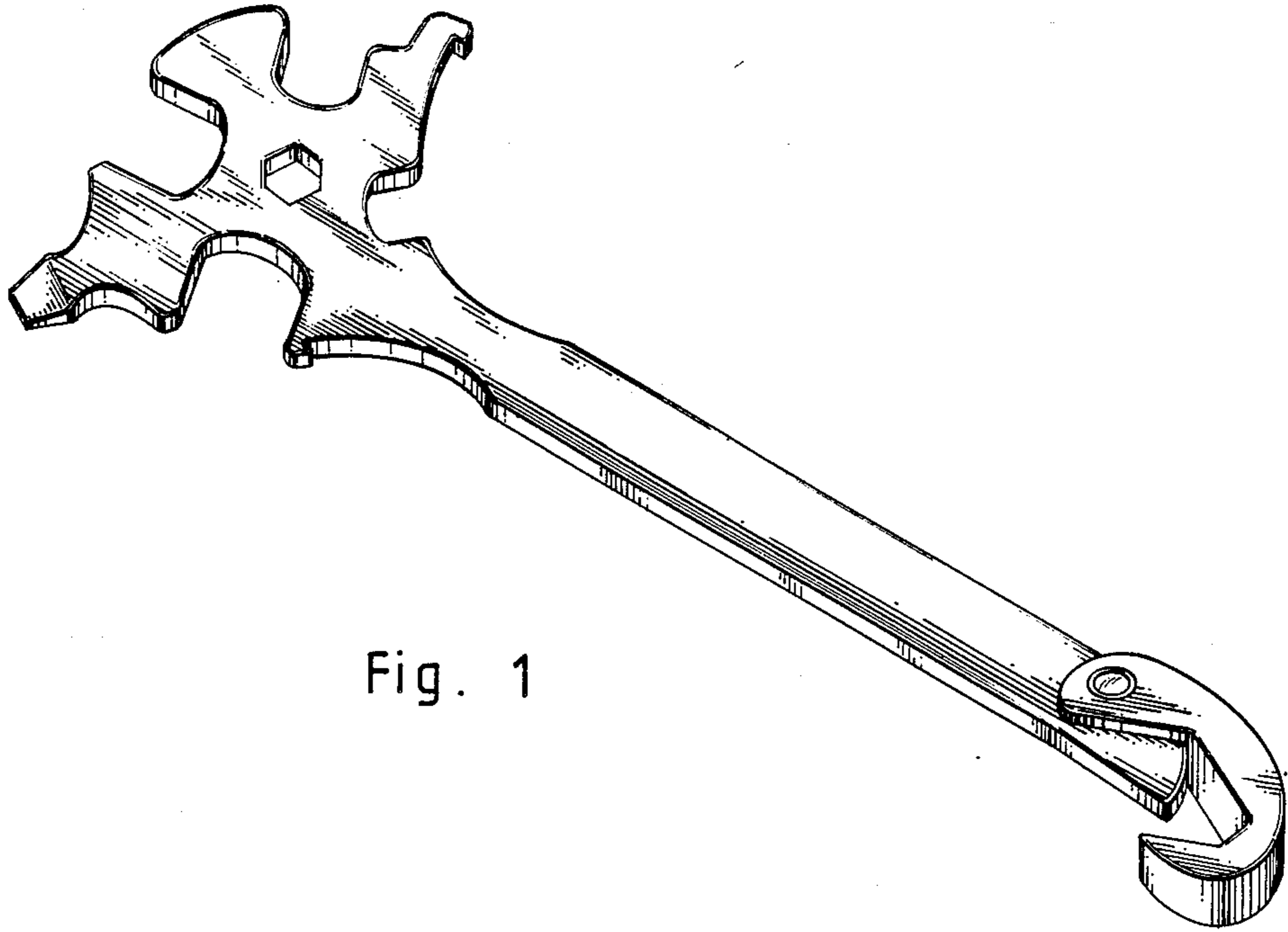


Fig. 1

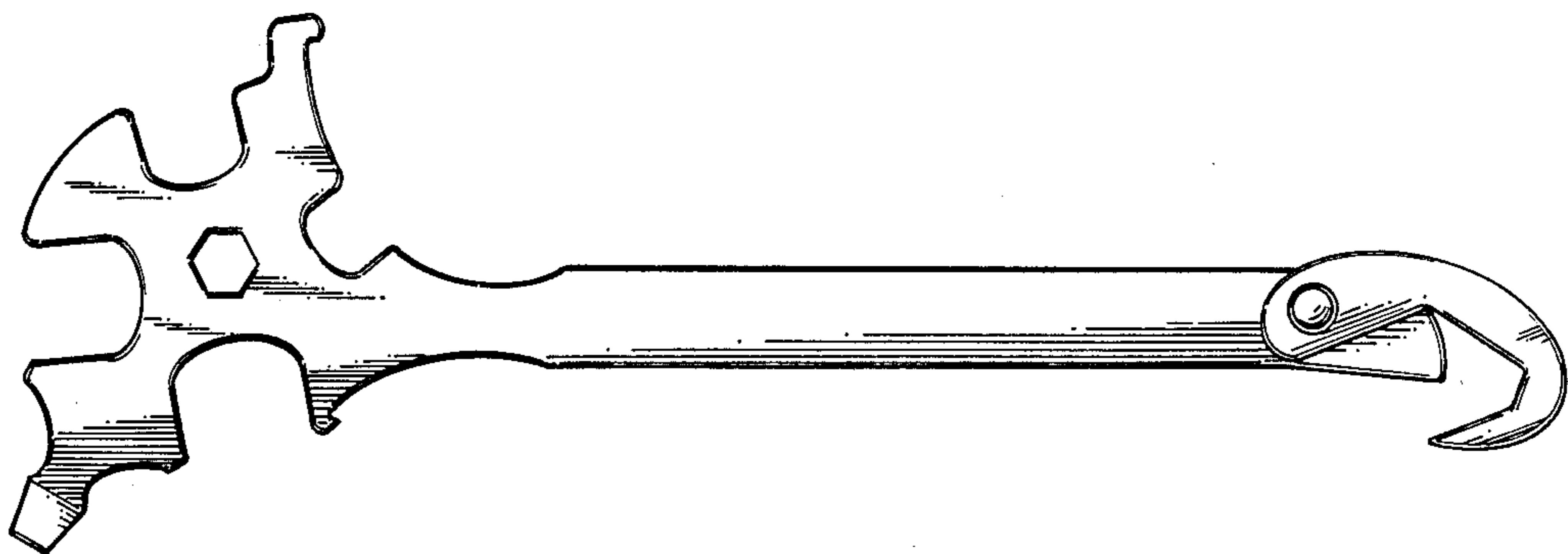


Fig. 2

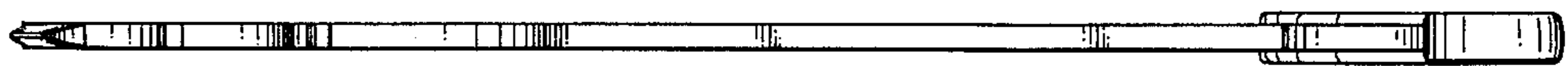


Fig. 3

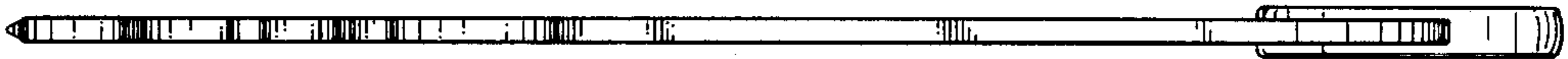


Fig. 4



Fig. 5



Fig. 6