

**United States Patent** [19]  
**Maruyama**

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[45] **Date of Patent: \*\* Oct. 15, 1985**

[54] **DRY BATTERY DRIVEN LIQUID PUMP**

[75] **Inventor: Eiki Maruyama, Nagano, Japan**

[73] **Assignee: Maruyama Industrial Co. Ltd., Kanano, Japan**

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

[21] **Appl. No.: 465,184**

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[30] **Foreign Application Priority Data**

Oct. 29, 1980 [JP] Japan ..... 55-45533

[52] **U.S. Cl. .... D15/7**

[58] **Field of Search ..... D15/7; 417/411, 424**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 119,404 3/1940 Spiegel ..... D15/7  
D. 254,671 4/1980 Johnson et al. .... D15/7  
D. 271,493 11/1983 McMullen ..... D15/7  
1,875,419 9/1932 Claypool ..... D15/7

4,021,150 5/1977 Mabuchi ..... 417/411  
4,098,557 7/1978 Claunch et al. .... 417/424  
4,218,195 8/1980 Shure ..... 417/411

**OTHER PUBLICATIONS**

Japanese Design Certificate #372178, 8-24-1973.

Japanese Design Certificate #372178-1, 6-25-1975.

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[57] **CLAIM**

The ornamental design for a dry battery driven liquid pump, substantially as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a dry battery driven liquid pump showing my new design;  
FIG. 2 is a left side elevational view thereof;  
FIG. 3 is a right side elevational view thereof;  
FIG. 4 is a front elevational view thereof;  
FIG. 5 is a rear elevational view thereof;  
FIG. 6 is a top plan view thereof; and  
FIG. 7 is a bottom plan view thereof.

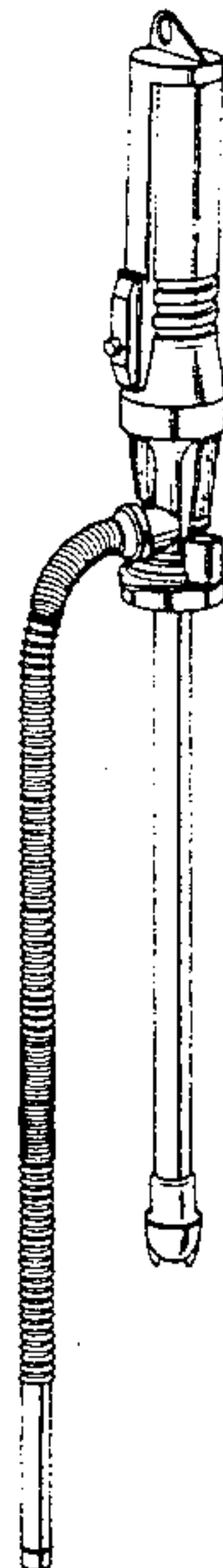


FIG. 1

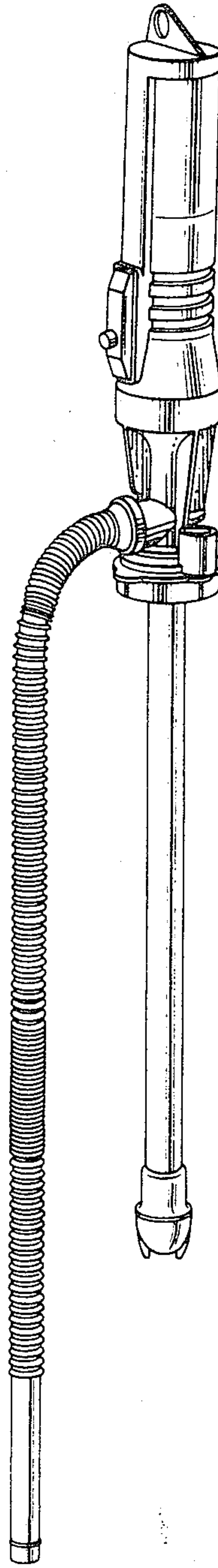


FIG. 2

FIG. 3

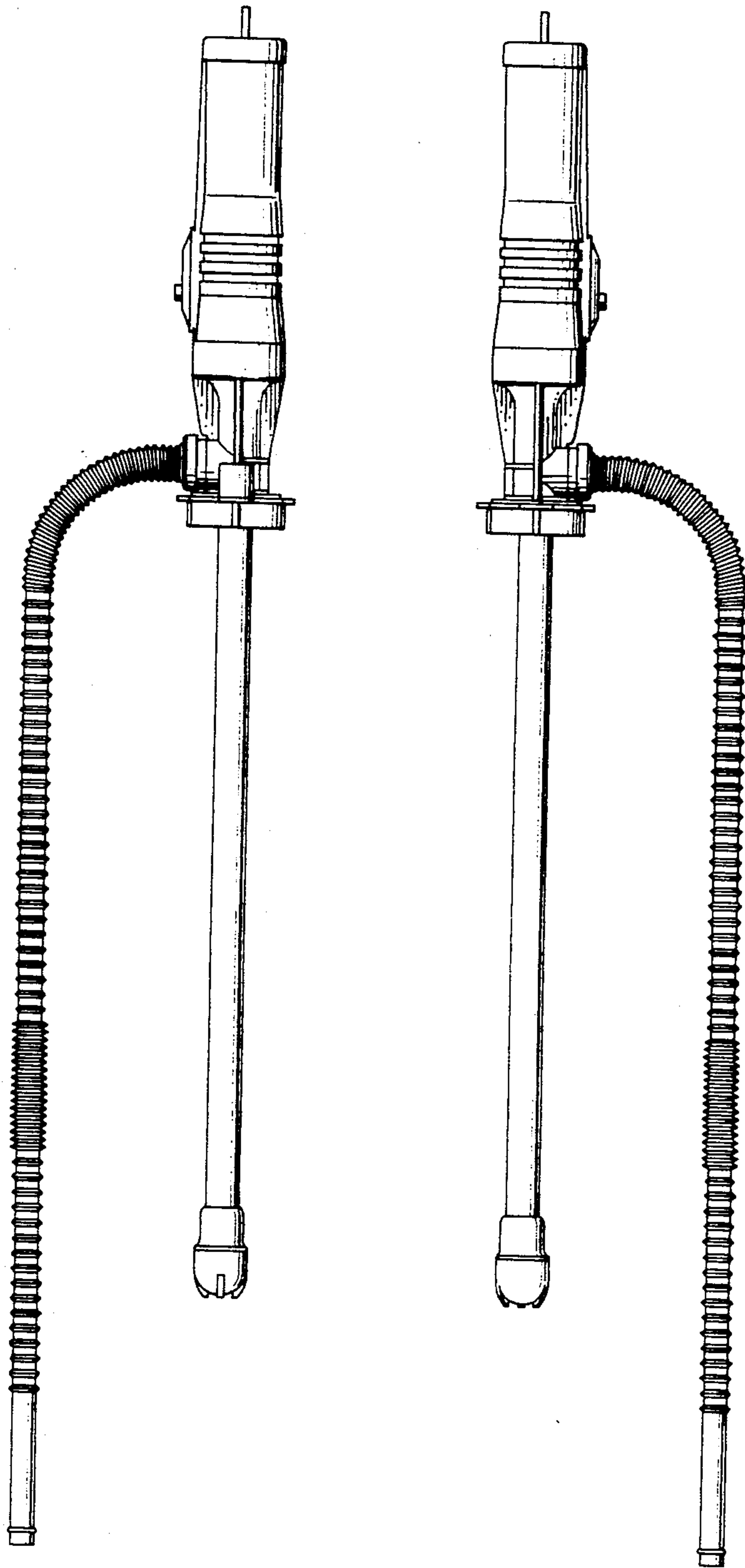


FIG.4 FIG.5

FIG.6

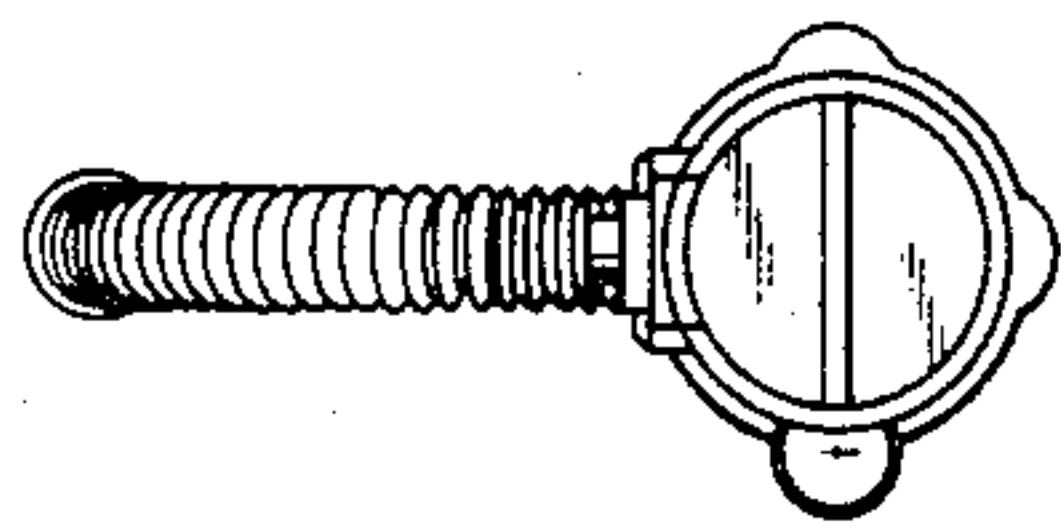


FIG.7

