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PUBLISHED MARCH 2, 1976

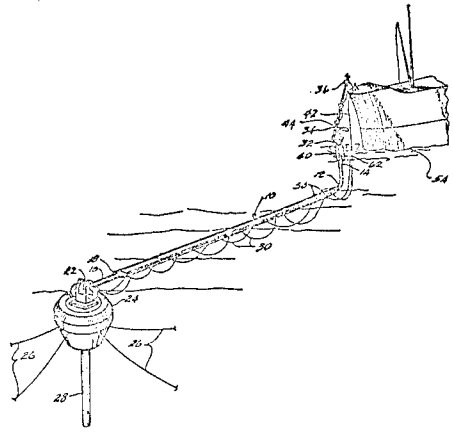
944 O.G. 42

T944,008

SINGLE POINT MOORING SYSTEM FOR USE IN ARCTIC WATERS

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U.S. Cl. 9—8 P
2 Sheets Drawing. 11 Pages Specification



A floating rigid tubular boom is anchored at one end to a submerged tank or buoy. The other end of the boom is adapted to be connected to a tanker for transferring oil from the tanker to a submerged tank or on-shore facility. The submerged end of the boom is anchored below the normal depth of ice occurring in the surrounding waters. An ice-cutting arrangement **60** on the boom keeps the boom free of ice where it passes upwardly above the surface of the water.

March 2, 1976 J. F. SCHIRTZINGER T944,008

SINGLE POINT MOORING SYSTEM FOR USE IN ARCTIC WATERS

Original Filed Dec. 16, 1974

Sheet 1 of 2

Fig. 1

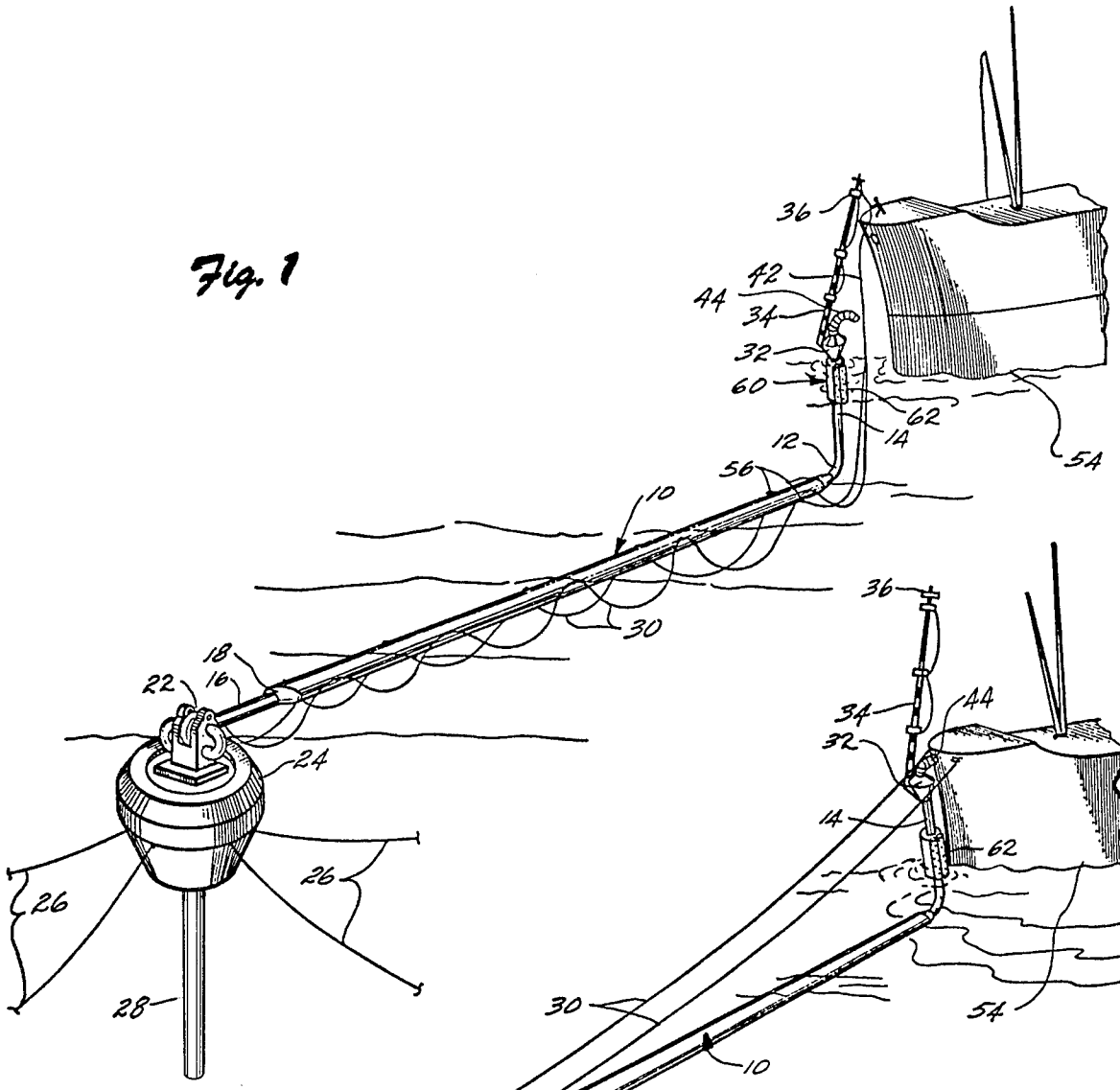


Fig. 2

Fig. 3

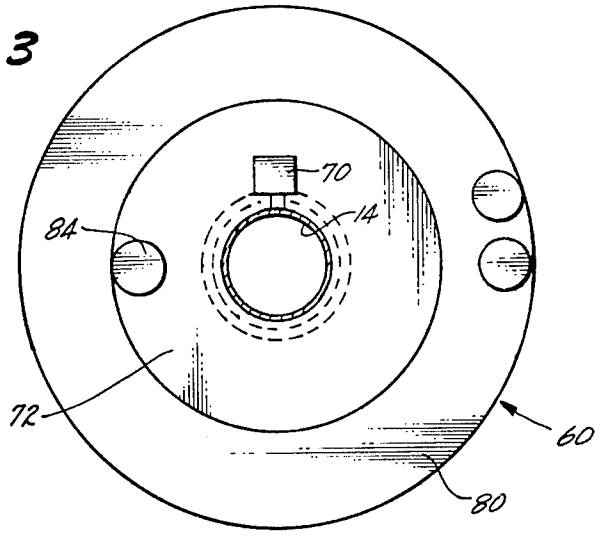
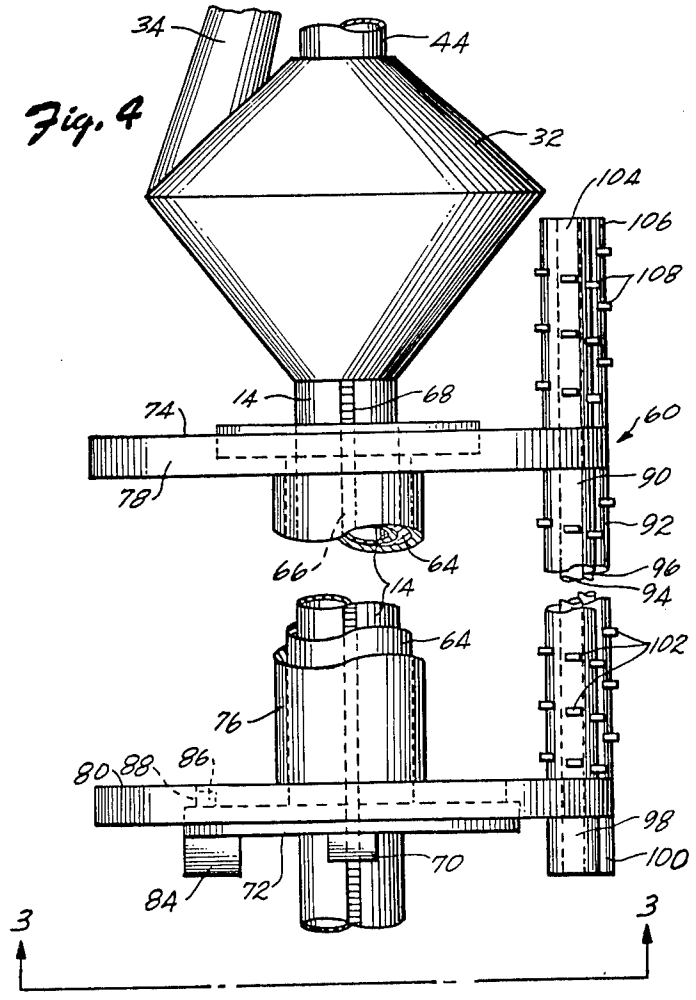

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Fig. 4


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