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United States Patent [19]
Trigiani et al.

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[45] **Date of Patent:** **** Sep. 19, 2000**

[54] **APPARATUS FOR LEAK TESTING AND
REFILLING AUTOMOTIVE COOLING
SYSTEMS USING VACUUM**

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

[21] Appl. No.: **29/115,038**

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[51] **LOC (7) Cl.** **10-04**

[52] **U.S. Cl.** **D10/101**

[58] **Field of Search** D10/57, 101; 73/49.2,
73/49.7, 45.8; 374/208, 145, 146

[56] **References Cited**

U.S. PATENT DOCUMENTS

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Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Bell, Boyd & Lloyd LLC

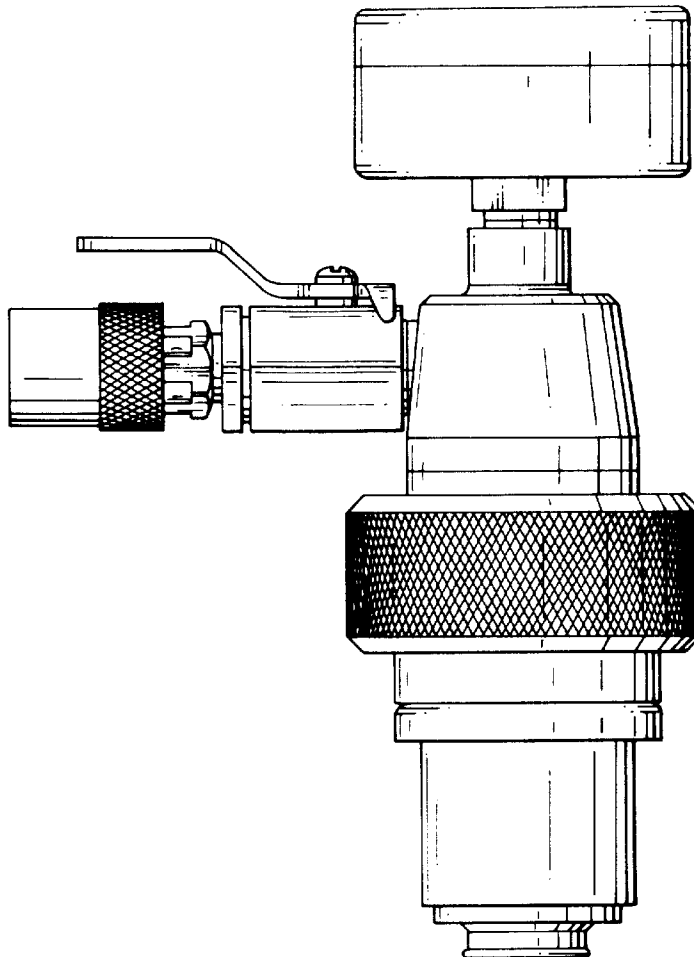
[57] **CLAIM**

The ornamental design of an apparatus for leak testing and
refilling automotive cooling systems using vacuum, as
shown and described.

DESCRIPTION

FIG. 1 is a top view of the apparatus for leak testing and
refilling automotive cooling systems using vacuum.
FIG. 2 is a bottom view of the apparatus for leak testing and
refilling automotive cooling systems using vacuum.
FIG. 3 is a left side view of the apparatus for leak testing and
refilling automotive cooling systems using vacuum.
FIG. 4 is a right side view of the apparatus for leak testing
and refilling automotive cooling systems using vacuum.
FIG. 5 is a front view of the apparatus for leak testing and
refilling automotive cooling systems using vacuum; and,
FIG. 6 is a back view of the apparatus for leak testing and
refilling automotive cooling systems using vacuum.

1 Claim, 3 Drawing Sheets



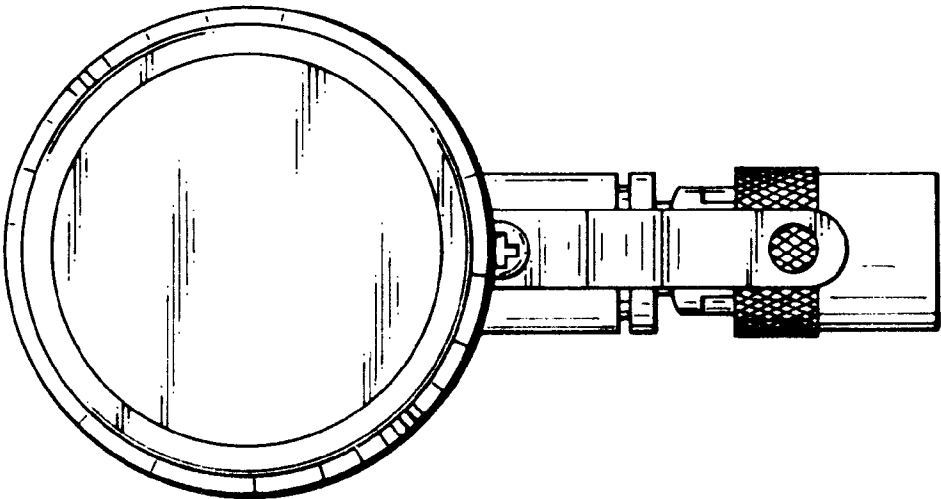


FIG. 1

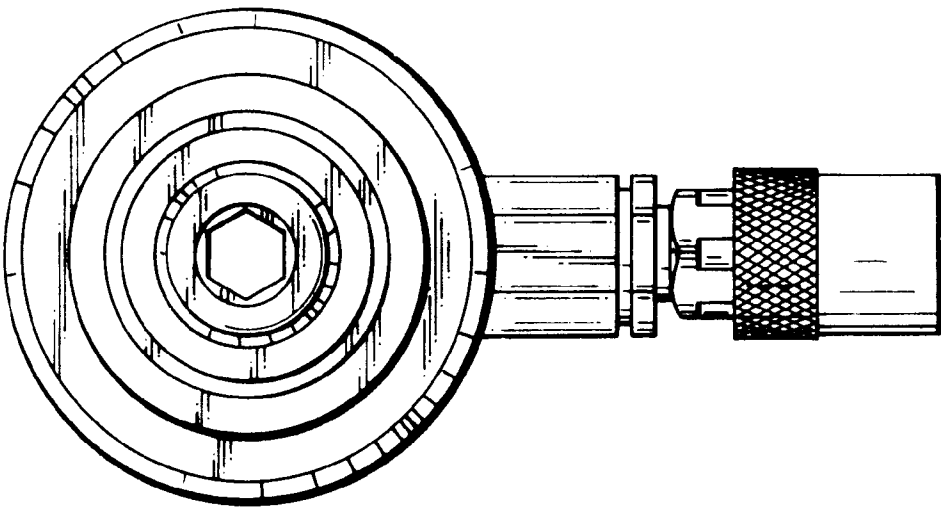


FIG. 2

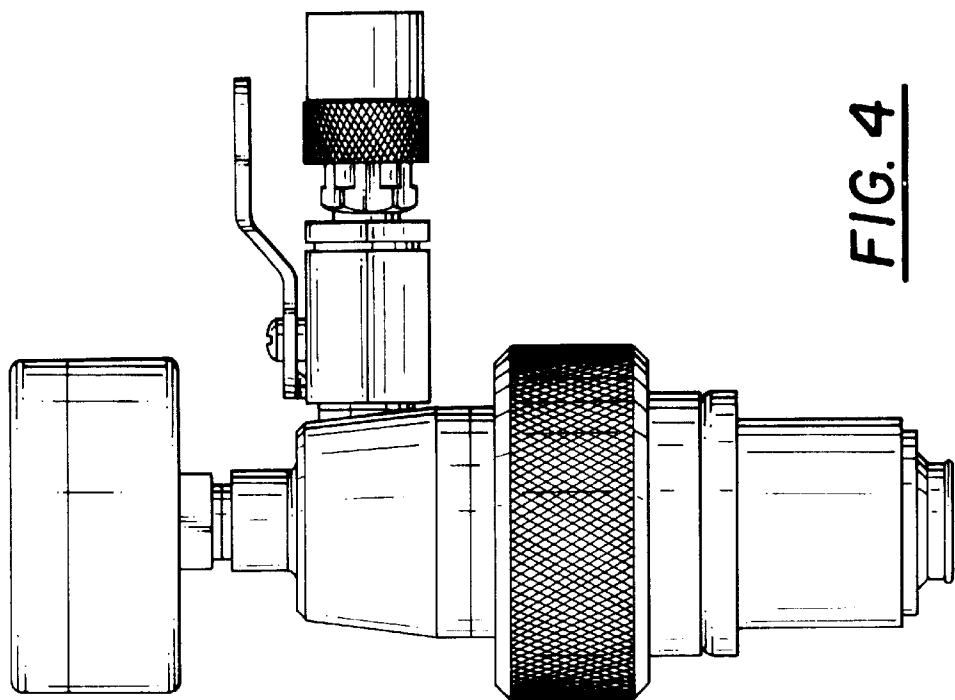


FIG. 4

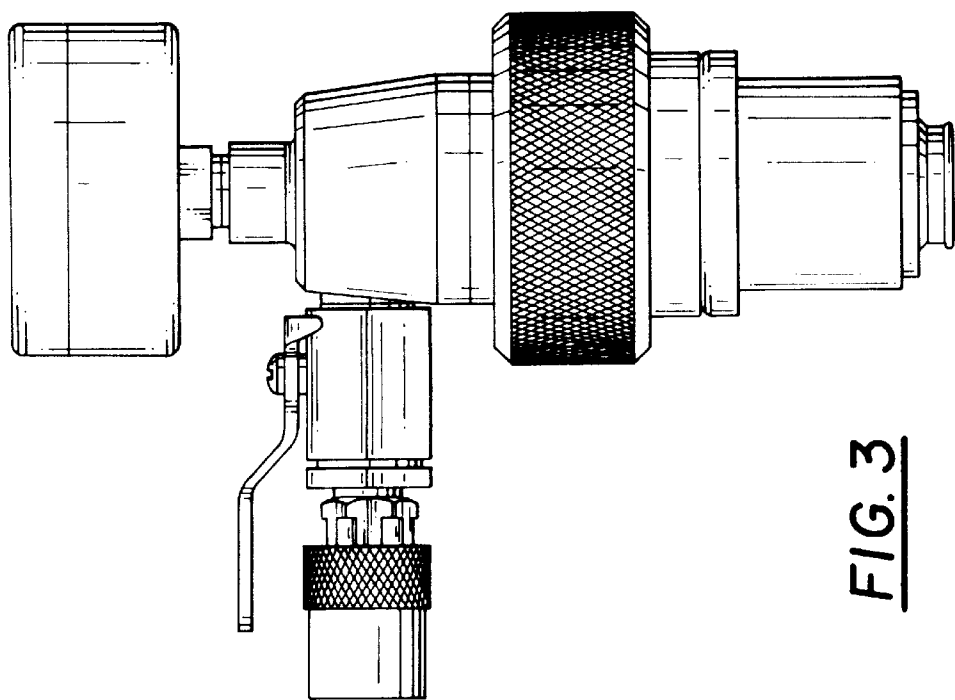


FIG. 3

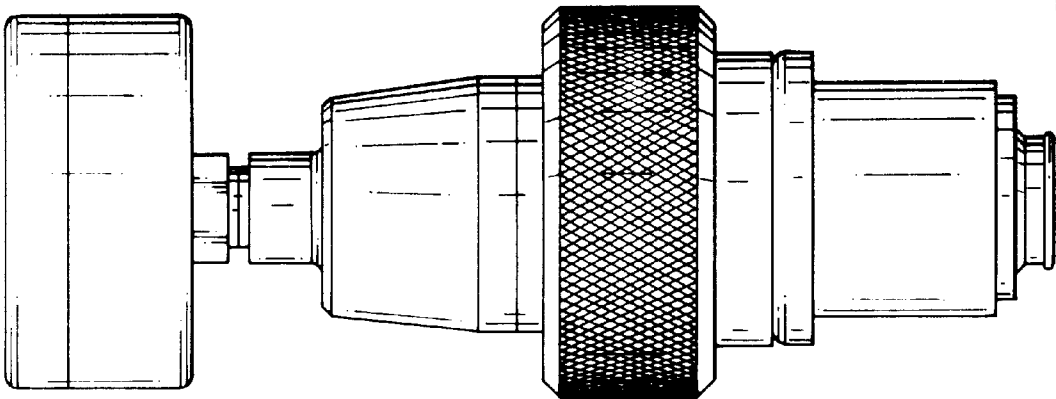


FIG. 6

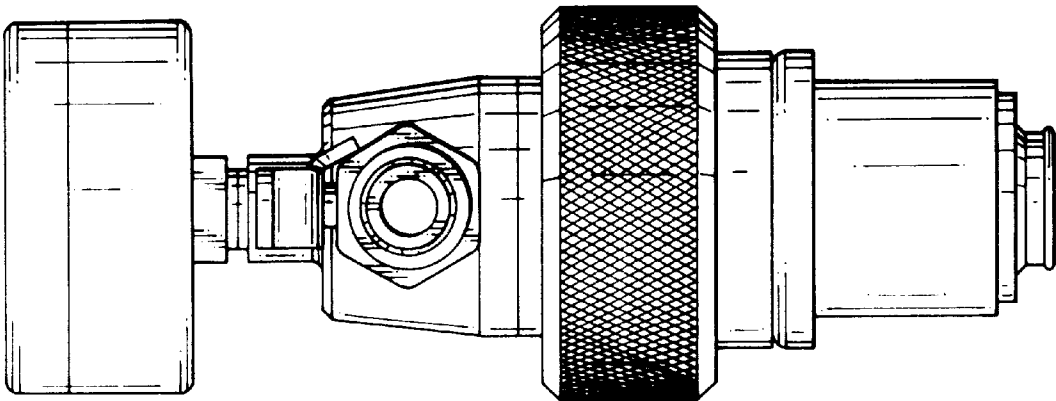


FIG. 5