Aug. 27, 1968 CARL-ANKER MEJYR 3,398,734

TWO-RING PORTABLE STOVE OPERATED ON LIQUIFIED GAS

Filed Nov. 21, 1966

Fig. 2

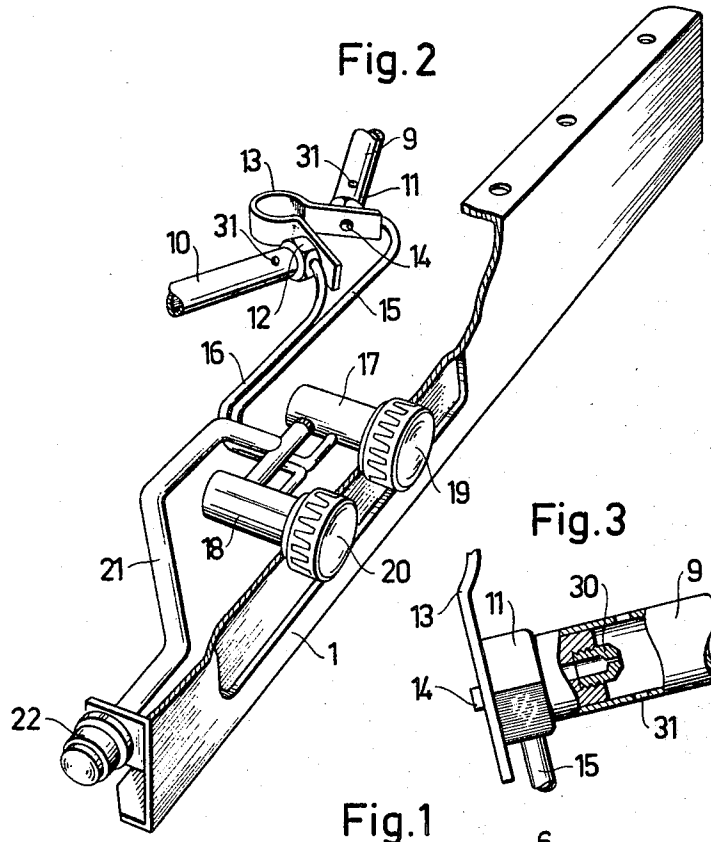
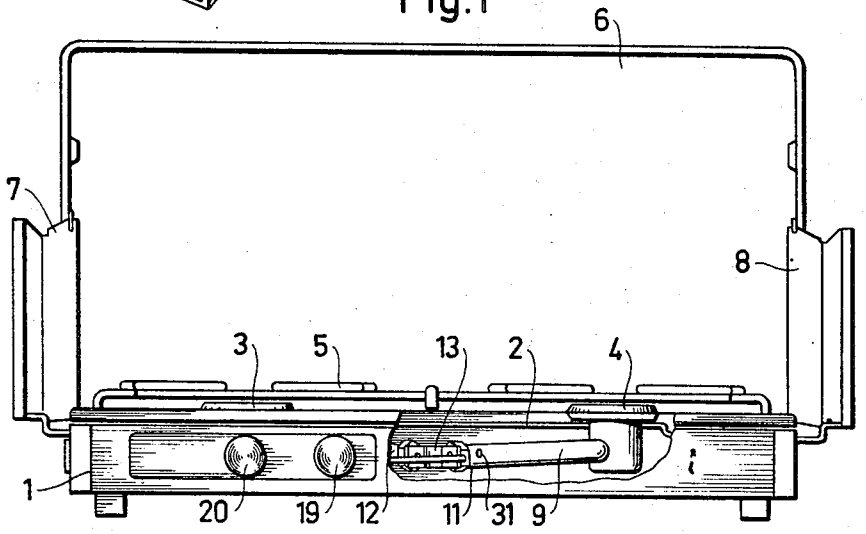


Fig. 3

Fig. 1



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United States Patent Office

3,398,734

Patented Aug. 27, 1968

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TWO-RING PORTABLE STOVE OPERATED ON LIQUIFIED GAS

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Filed Nov. 21, 1966, Ser. No. 595,690
Claims priority, application Sweden, Dec. 20, 1965, 16,505/65
2 Claims. (Cl. 126—38)

A two-burner portable stove is disclosed in which the burners are secured in place in the stove adjacent each other with the mixer pipes extending therefrom. Flexible gas pipes extend from the valves with the gas jets secured to their terminal ends. A spring member retains the gas jets in the open ends of the mixer pipes in such manner that the jets can be easily removed for cleaning or replacement.

The present invention relates to a two-ring portable stove operated on liquid gas. The invention is intended to simplify and improve the design of such portable stoves.

The characterising feature of the invention is that the burners are secured in a substantially flat shelf and rigidly connected to mixing pipes extending from the burners in such a direction that their free ends lie close to one another. The burner jets are secured to resiliently flexible gas pipes passing to the valve and are inserted in the free end of the burner pipes where they are held secure by a spring which acts on the two jets simultaneously. This design permits the jets to be exchanged easily without it being necessary to remove the burners whilst at the same time use of the flat shelf, in which the burners are secured, makes the portable stove easier to keep clean.

The invention will be more closely described with reference to accompanying drawing where FIG. 1 shows a portable stove operated on liquid gas according to the invention, seen from the front, FIG. 2 shows a detailed view in perspective and in large scale, and FIG. 3 shows a section through the burner jet in enlarged scale. The shown portable stove includes a container **1** provided with a shelf **2** in the form of a substantially flat plate in which two burners **3**, **4** are screwed tight or secured in some other way. A support means **5** for cooking utensils is mounted over the flat shelf **2**, said support means preferably being pivotable so that the shelf can be reached easily. A cover **6** and wind shield **7**, **8** are secured to the container **1** so that they can be collapsed in a conventional manner.

Connected with each burner is a mixing pipe **9**, **10**. The pipes extend obliquely forward from each burner towards a position in the proximity of the center of the front face of the container. Jet holders **11**, **12** are partly inserted into the ends of the jet pipe and held in this position by a common stirrup-like spring **13** the legs of which are provided with holes in which pins **14** on the jet holders are engaged. The jets **30** (FIG. 3) are screwed into the jet holders, and when assembled, are mounted level with air-holes **31** in the mixing tubes.

The jet holders are secured on resiliently flexible pipes **15**, **16** passing to valves **17**, **18**, the knobs **19**, **20** of which are mounted on the front face of the container **1**. The valves are connected to a common gas pipe **21** which passes to a connection **22** for a bottle of gas.

Since the tubes **15**, **16** are flexible the jets can be easily removed or inserted by compressing or removing the spring **13**.

I claim:

1. A portable stove comprising two burners secured in adjacent relationship, a mixer pipe extending from each of said burners towards each other, their free ends terminating adjacent each other, a flexible pipe extending towards and terminating adjacent the free end of each of said mixer pipes, a burner jet mounted on the terminal end of each of said flexible pipes, each of said burner jets extending into the free end of one of said mixer pipes, and a spring member for pressing and retaining said burner jets in the free ends of said mixer pipes.

2. A portable stove as claimed in claim **1** wherein said spring member is a stirrup-shaped flat spring with two free legs each having a hole threein, and said burner jets each have a pin extending therefrom which passes through one of said holes in the legs of said stirrup-shaped spring, whereby said spring is retained in position.

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