Oct. 30, 1923. 1,472,668

J. A. OLIVER

CAMP STOVE

Filed July 7, 1922

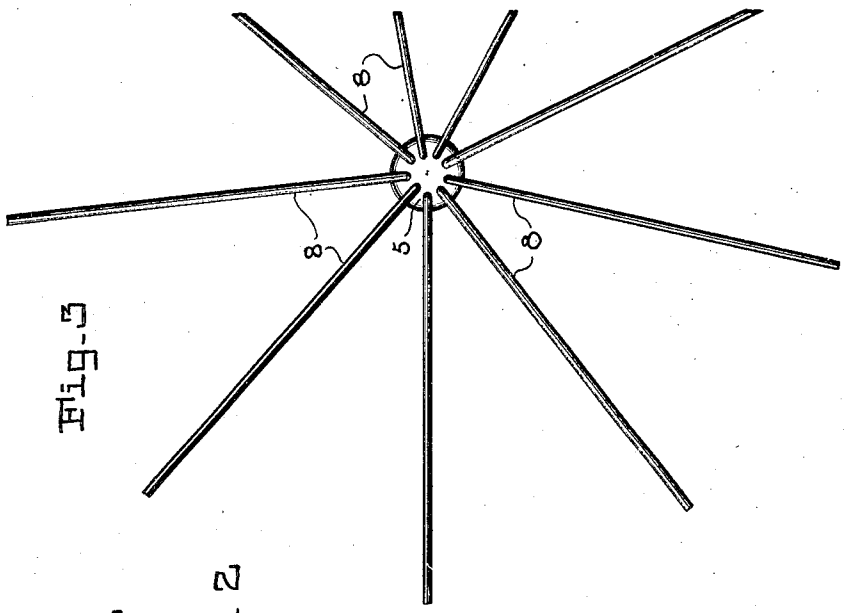


Fig. 3

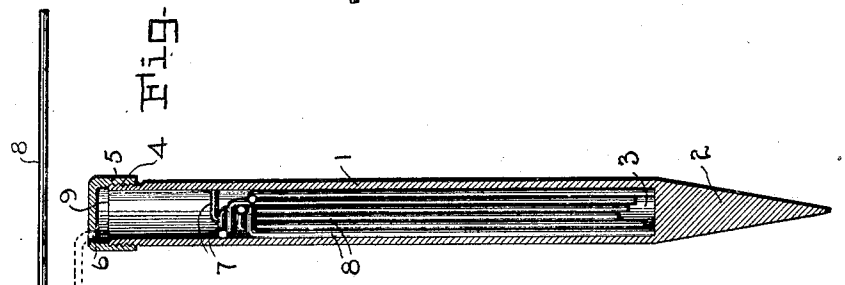


Fig. 2

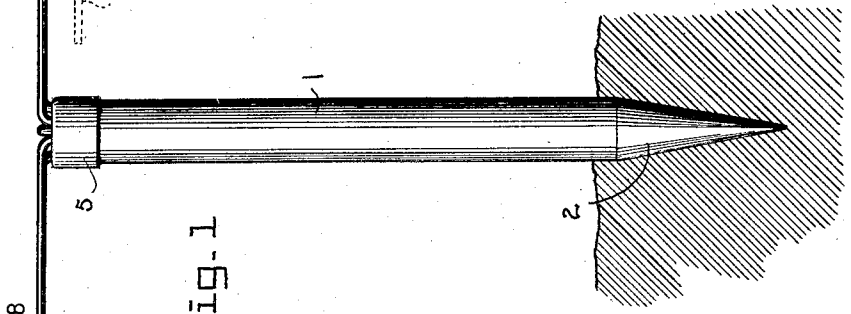


Fig. 1

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WITNESSES
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UNITED STATES PATENT OFFICE.

JAMES A. OLIVER, OF KENT, WASHINGTON.

CAMP STOVE.

Application filed July 7, 1922. Serial No. 573,318.

To all whom it may concern:

Be it known that I, JAMES A. OLIVER, a citizen of the United States, residing at Kent, in the county of King and State of Washington, have invented a new and useful Camp Stove, of which the following is a specification.

This invention relates to collapsible camp stoves, and has for its object the provision of a portable stove which is simple in construction, and which may be instantly erected for use or folded into a neat and compact article for storage or transportation.

The invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawing forming part of this specification, with the understanding, however, that the invention is not confined to any strict conformity with the showing in the drawing, but may be changed and modified so long as such changes and modifications mark no material departure from the salient features of the invention as expressed in the appended claim.

In the drawing:—

Fig. 1 is an elevation of the collapsible stove in operative position and mounted in the ground.

Fig. 2 is a vertical section of the collapsible stove when folded into a compact article.

Fig. 3 is a plan view of the same.

Referring to the drawing, 1 designates a tubular member having its lower end pointed, as shown at 2, and adapted to be driven into the ground. The tubular body member 1 is provided with a chamber 3, with its upper end open as shown at 9, and externally threaded to receive the internal threads of a cap 5. The top of the cap is provided with a series of spaced perforations 6 adapted to receive the right-angularly bent ends 7 of the grid rods or arms 8, with the ends of the angularly bent portions 7 resting on the periphery of the open end 9.

By reason of the grid rods 8 being directed at right angles to the angular portion 7, said rods will extend in a horizontal position and are arranged radially with respect to the body member 1, as shown in Fig. 3.

In order to install the device, it will be only necessary to drive the pointed end 2 of the body member into the ground by a piece of wood or other material which will not injure the cap 5, or the open end 9 of the body member, after the grid rods 8 have been removed from the body member.

With the cap 5 in position, the angularly bent ends 7 are inserted within the perforations 6 of said cap with the ends of the bent portion 7 resting on the periphery of the open end 9 of the body member. The arms 8 will extend in a horizontal plane and are arranged radially with respect to the body member 1.

The rods 8 are adapted to support articles of food to be cooked above a fire which is built close around the body member 1.

When it is desired to fold the device into a compact article, the grid rods or arms 8 are removed and the body member 1 is withdrawn from the ground. The cap 5 is then removed and the grid rods are placed within the chamber 3. The cap is then returned to its position on the upper end of the body member.

The portable stove, which is exceedingly simple and compact in form, is especially adapted for camping parties where it is desired to limit the size of the luggage as much as possible.

What is claimed is:—

A collapsible camp stove, comprising a pointed tubular member having an open upper end, a removably secured cap for closing said end provided with a series of perforations, a plurality of separable arms adapted when not in use to be housed within the tubular member and retained entirely within the same by the cap, an end of each arm being angularly bent and insertible in a perforation in the cap, so as to support the arm horizontally in radial position with respect to the tubular member.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

JAMES A. OLIVER.