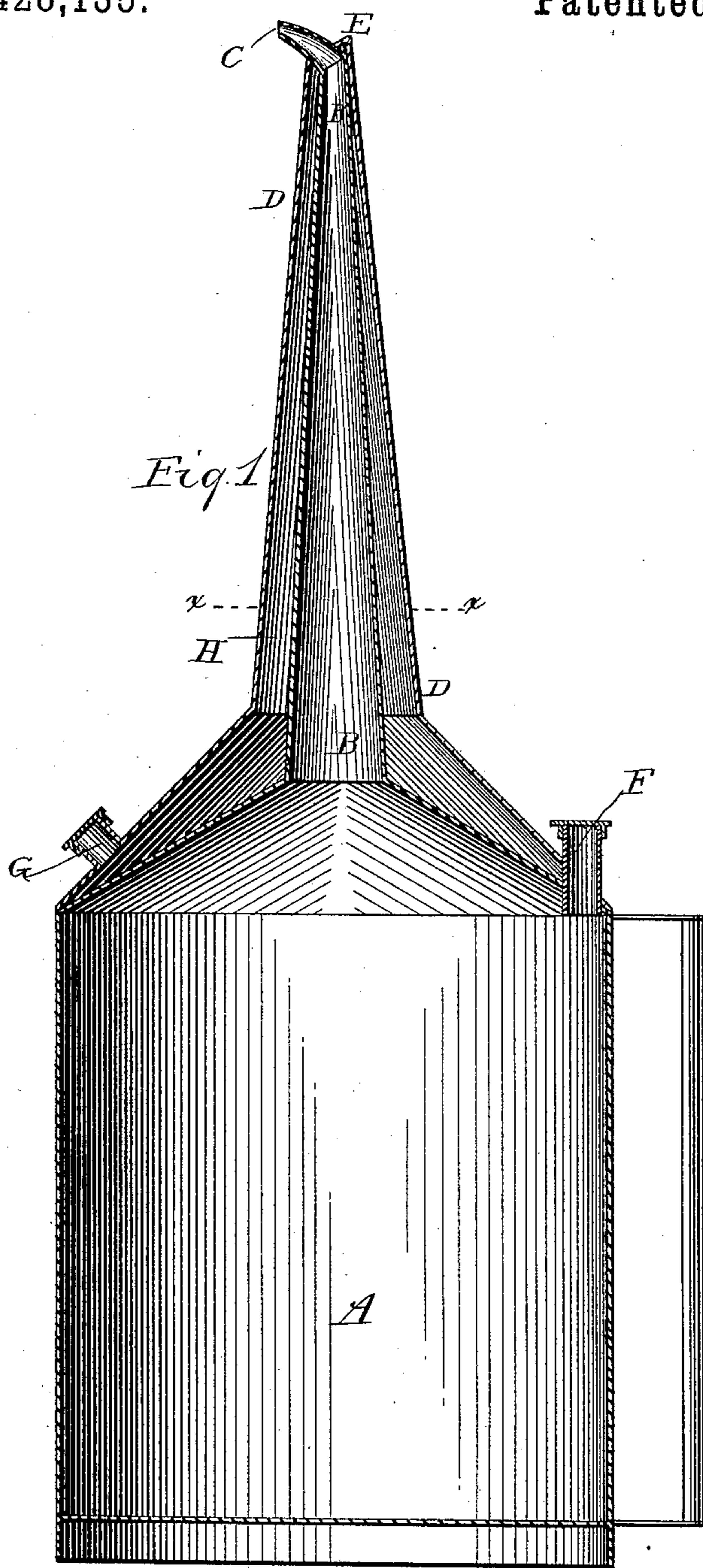


(No Model.)

R. B. PRICE.
OIL FEEDER.

No. 428,135.

Patented May 20, 1890.



Witnesses
Wm. K. K.
John M. Schuch

Inventor
Robert Bird Price
Per John B. M. Baxter
his attorney.

UNITED STATES PATENT OFFICE.

ROBERT BIRD PRICE, OF ST. JOHN, NEW BRUNSWICK, CANADA.

OIL-FEEDER.

SPECIFICATION forming part of Letters Patent No. 428,135, dated May 20, 1890.

Application filed January 16, 1890. Serial No. 337,152. (No model.) Patented in Canada November 23, 1889, No. 32,922.

To all whom it may concern:

Be it known that I, ROBERT BIRD PRICE, a British subject, residing at the city of St. John, in the county of St. John and Province of New Brunswick, in the Dominion of Canada, have invented certain new and useful Improvements in Oil-Feeders, (for which I have obtained a patent in the Dominion of Canada, No. 32,922, bearing date November 23, 1889,) of which the following is a specification.

The first part of my invention relates to the inclosing of the tube or spout which conveys the oil from the chamber of the oil-feeder to the surface where the oil is to be deposited, and the top of the said chamber within a casing of any suitable metal, in such a manner as to leave a space between the spout conveying the oil and the said casing, in which space hot air or hot water may freely circulate, the object of this part of my invention being to provide a means for preventing lubricating-oil from congealing in the spout or tube of an oil-feeder during cold weather.

The second part of my invention relates to the construction of the said casing in such a manner as to form a shoulder at a short distance from the end or outlet of the spout. The object of this shoulder is to prevent the nozzle being inserted too far into a cavity, and also to protect the spout inside. I attain these objects by the means illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section of an oil-feeder embodying my invention. Fig. 2 is a cross-section of the same.

Similar letters refer to similar parts throughout the several views.

In the figures, A is the oil-chamber of the oil-feeder. B B is the spout or tube therefrom, terminating in the orifice C.

D D is the casing, terminating at the shoulder E E, from one-quarter to one-half inch from the orifice C.

F is a vertical tube passing through both casing and spout, through which tube the chamber A is filled. It is capped with an ordinary screw-cap.

G is a tube opening into the space between the spout B B and the casing D D, through which tube the space is filled with hot air or hot water. It is capped with an ordinary screw-cap.

H is the space between the casing D D and the spout B B, and may be from one inch to one-half inch in width, tapering toward the shoulder E E.

When the oil-feeder is to be used in cold weather, the space between the spout B B and the casing D D is filled with hot air or hot water through the tube G.

The projecting shoulder E E prevents the nozzle being introduced too far into a cavity, and forms a shield for the spout.

I make no claim to the original form of an oil-feeder, nor to the metal of which my invention may be constructed but;

What I claim as my invention, and desire to secure by Letters Patent, is—

1. An oil-can having a spout surrounded by a casing which forms a hot-water chamber, an opening into the chamber whereby it may be filled, and a closure for said opening, substantially as described.

2. An oil-can having a spout, a casing surrounding the spout and covering the top of the can to form a hot-water chamber, an opening into the chamber, and a closure for said opening, substantially as described.

ROBERT BIRD PRICE.

Witnesses:

JOHN KERR,

N. P., Province of New Brunswick.

HUGH ADAM GLASGOW, J. P.