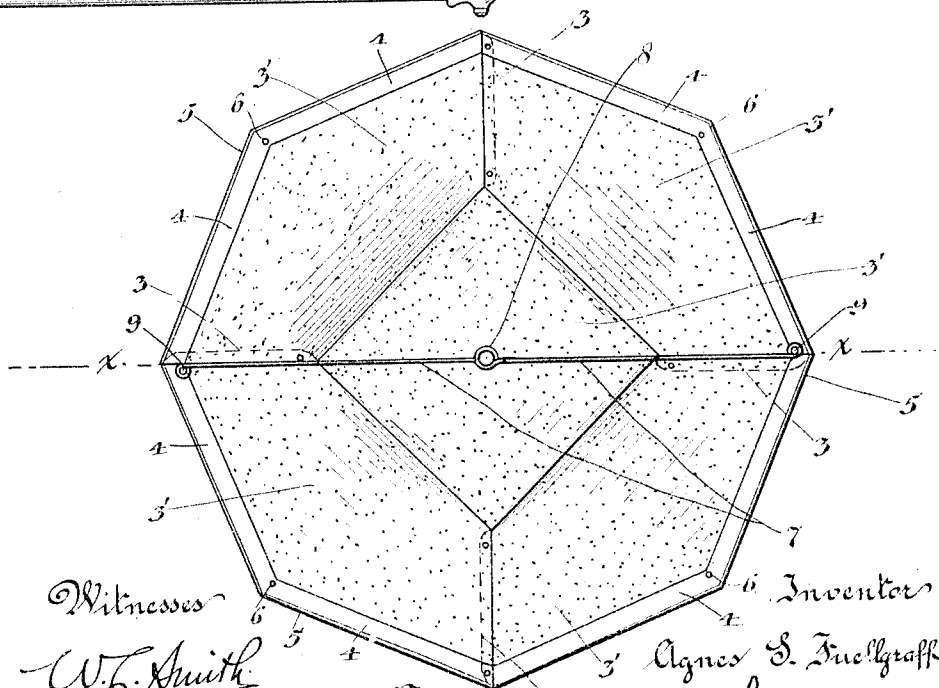
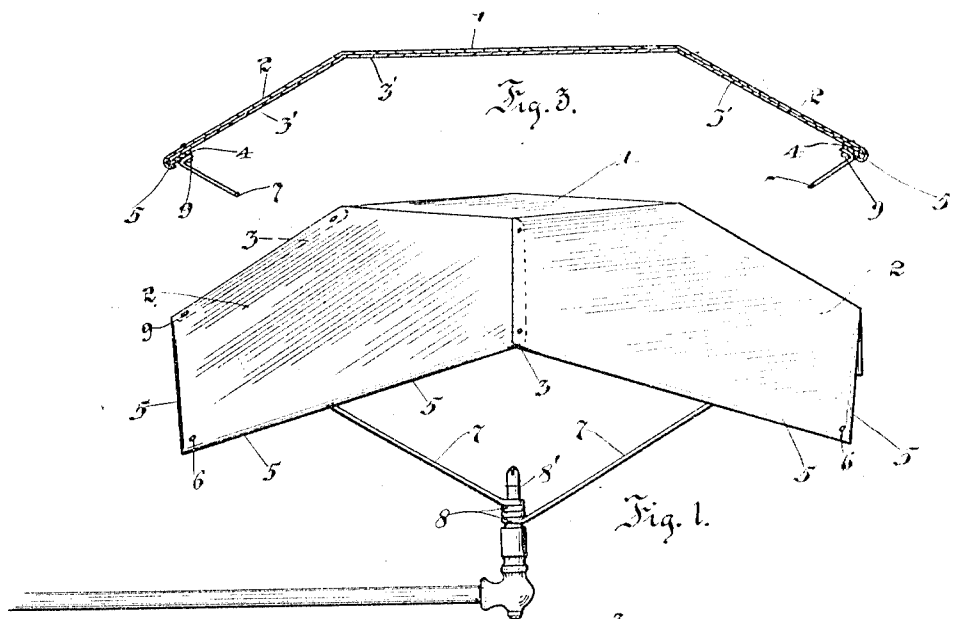


A. S. FUELLGRAFF.
GAS HEATER.
APPLICATION FILED JAN. 16, 1911.

1,001,519.

Patented Aug. 22, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

AGNES S. FUELLGRAFF, OF CHICAGO, ILLINOIS.

GAS-HEATER.

1,001,519.

Specification of Letters Patent. Patented Aug. 22, 1911.

Application filed January 16, 1911. Serial No. 602,878.

To all whom it may concern:

Be it known that I, AGNES S. FUELLGRAFF, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Gas-Heaters, of which the following is a specification.

My invention relates to improvements in gas heaters designed for use in connection with an ordinary gas-light burner, the object being to provide a heater of economical construction and efficient in its operation.

A further object of my invention is to provide a device which may not only serve for heating a room but to answer the purpose of a light shade which shall be symmetrical in design and of neat appearance.

Other objects will appear hereinafter.

With these objects in view my invention consists in the novel construction and arrangements of parts as will be hereinafter fully described and more particularly pointed out in the appended claims.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which—

Figure 1 is a perspective view of my improved gas heater in its preferred form, Fig. 2 is a bottom plan view thereof, and Fig. 3 is a vertical section taken on line *x-x* of Fig. 2.

The preferred form of my invention as illustrated in the accompanying drawings comprises a square sheet metal central portion 1 from the edges of which a plurality of pentagonal sides depend, as illustrated in Fig. 1. The sides 2 are formed integral with the central portion 1 and the contiguous edges 3 thereof are overlapped and secured together as clearly shown. An asbestos lining 3' is provided inside of the central portion 1 and the sides 2, said lining being secured in position by means of metallic plates 4 which are in turn secured by the bent-over edges 5 of the sides 2 and by rivets 6. The hood thus formed is supported by bracket arms 7 which diverge upwardly from and integral with a helical coil 8 which serves as a socket for the reception of the gas-light burner 8', the fit of the latter in said socket being such that the latter may be readily detached when desired. The

arms 7 are secured to the plates 4 by means of rivets 9 at points diametrically opposite as shown in Fig. 2. Thus a portable hood is formed which serves not only as a heater, but as a light shade.

It is apparent that the asbestos lining 3' absorbs the heat from the gas-light and thus protects the ceiling of the room in which it is installed. Heat is thus stored up in the lining 3' which will continue to radiate therefrom some time after the gas-light is turned off.

A gas heater of the construction set forth is extremely simple of construction and highly efficient in operation.

While I have illustrated and described the preferred construction for carrying my invention into effect, this is capable of variation without departing from the spirit of the invention. I, therefore, desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:—

1. In a gas heater, a hood consisting of a square sheet metal central portion and pentagonal sheet metal sides formed integrally therewith and depending therefrom, the adjoining edges of said sides being overlapped and riveted together; and a supporting bracket for said hood, substantially as described.

2. In a gas heater, a hood consisting of a square sheet metal central portion and pentagonal sheet metal sides formed integrally therewith and depending therefrom, the adjoining edges of said sides being overlapped and riveted together; an asbestos lining for said hood, said lining being secured in place by strips secured thereover adjacent the edges of said hood and by bending the edges of said hood over said strips, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

AGNES S. FUELLGRAFF.

Witnesses:

HELEN F. LILLIS,
JOSHUA R. H. POTTS.