

G. GORDON.

Portable Hot-Air and Vapor-Bath Combined.

No. 196,890.

Patented Nov. 6, 1877.

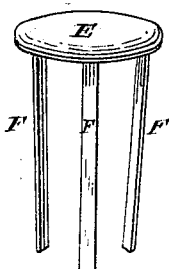
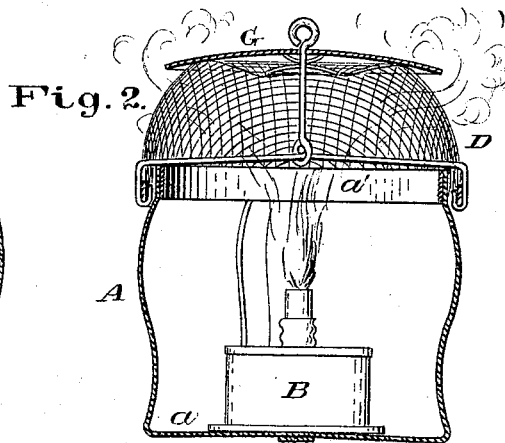
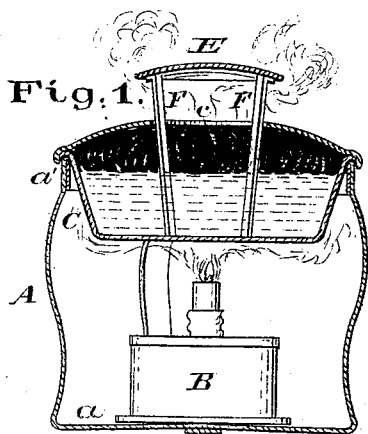


Fig. 3.

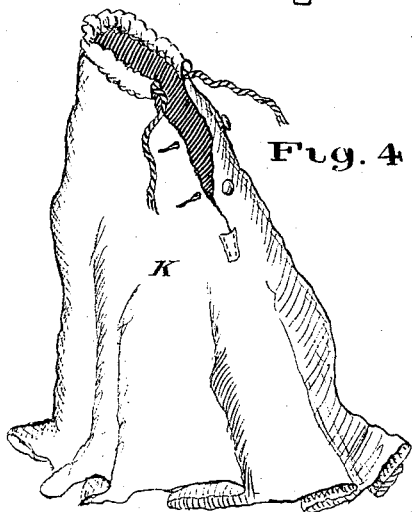


Fig. 4.

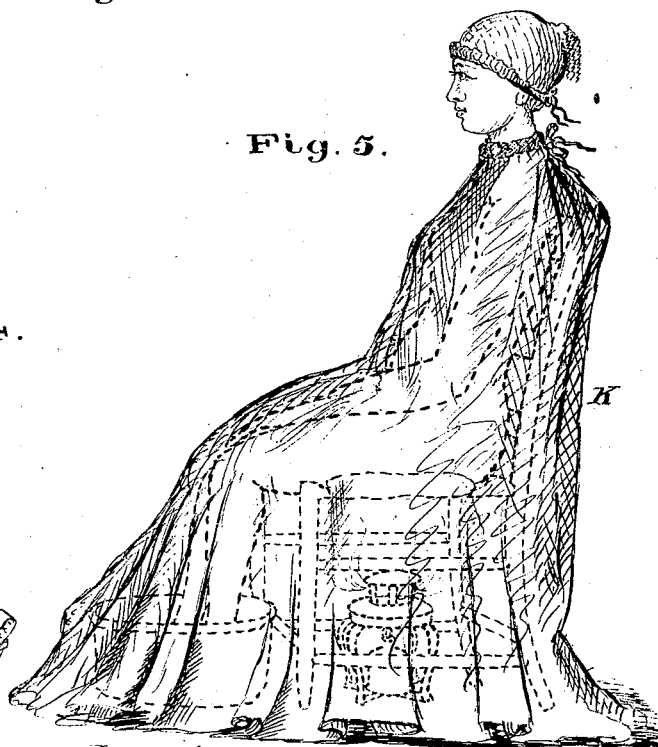


Fig. 5.

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UNITED STATES PATENT OFFICE.

GERALD GORDON, OF CINCINNATI, OHIO.

IMPROVEMENT IN PORTABLE HOT-AIR AND VAPOR BATHS COMBINED.

Specification forming part of Letters Patent No. **196,890**, dated November 6, 1877; application filed October 18, 1877.

To all whom it may concern:

Be it known that I, GERALD GORDON, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Portable Hot-Air or Turkish Bath and Vapor-Bath Combined, of which the following is a specification:

My invention relates to an apparatus for administering what are known as "vapor-baths" and "hot-air" or "Turkish" baths, my said apparatus possessing the advantages of cheapness of structure, convenient use in any room, and extreme portability and capacity for compact storage, the entire apparatus being easily stowed and carried in an ordinary trunk or valise.

My entire apparatus simply comprises a small alcohol-lamp within a stand, that supports either a vapor-generator or a simple heat-deflector, and a cloak or cape of some woven fabric rendered vapor-proof, for enveloping all of the patient's body except the head.

In the accompanying drawings, Figure 1 is a vertical section of my lamp or generator adapted for a vapor-bath. Fig. 2 is a similar section of the generator adapted for a dry-heat or Turkish bath. Fig. 3 represents my vapor-deflector. Fig. 4 represents my cloak or cape. Fig. 5 represents the bath in use, the patient's position being indicated by dotted lines.

A represents a stand or tripod, having a base, *a*, to receive a small alcohol lamp or burner, B, and an elevated ring, *a'*, for support either of pan C, to hold either simple or medicated water, or of a wire-gauze screen, D, in the form of an inverted bowl.

In conjunction with the vapor-pan C, I employ a disk, E, in form of an inverted saucer, and having three legs, F, which, being inserted in the pan C, cause the disk to occupy a plane slightly elevated above the pan's mouth *c*, as shown in Fig. 1.

The disk E acts as a deflector, which directs to every side the currents of steam that ascend from the pan C.

With a similar object there is secured to the upper part of the wire-gauze screen D a disk, G, whose office is to scatter the heated column of gas which ascends from the lamp B when the apparatus is being used in the dry or Turkish-bath form.

Except a common cane-bottom chair and a foot-bath tub, such as shown by dotted lines

in Fig. 5, the only remaining instrumentality necessary is a cloak or cape, K, made of any description of woven fabric, and coated with a mixture of linseed-oil and pulverized asbestos. This cloak is made of suitable shape and dimensions to envelop the neck and body of the patient, while its skirt rests upon the floor, in the manner shown in Fig. 5.

The apparatus is operated as follows: The lamp B being lighted and placed within the stand A, and the latter supplied with either the pan C, holding simple or medicated water, and supplied with deflector E for a vapor-bath, or with the screen D G for a hot-air or Turkish bath. an ordinary cane-seated chair is placed over the generator, and a common foot-tub supplied with warm water is placed in front of the chair. The patient, being now seated with his feet in the tub, is completely enveloped, from his neck down, in the water-proof cloak K, as indicated in Fig. 5. Having remained in the bath a suitable time—usually about twenty minutes—his person should be quickly cleansed with a sponge dipped in warm water. This having been effected, the cloak is again closed, and, after a free perspiration, his person is sponged off with tepid water, and finally rubbed perfectly dry.

While reserving the right to combine with my portable generator any description of flexible water-proof and innocuous cloak, my preferred manufacture of cloak is one composed of some woven fabric coated with linseed-oil and asbestos, as above stated, because such a cloak is practically indestructible, being both fire and water proof, is entirely free from deleterious ingredients, and, withal, sufficiently flexible to be folded in small compass when desired.

I claim as new and of my invention—

1. The vapor-bath generator consisting of stand A, lamp B, pan C, and deflector E F.

2. A water-proof or impervious cloak or cape, K, for use in medicated or vapor bathing, composed of a woven fabric coated with a mixture of linseed-oil and powdered asbestos.

In testimony of which invention I hereunto set my hand.

GERALD GORDON.

Attest:

GEO. H. KNIGHT,
L. H. BOND.