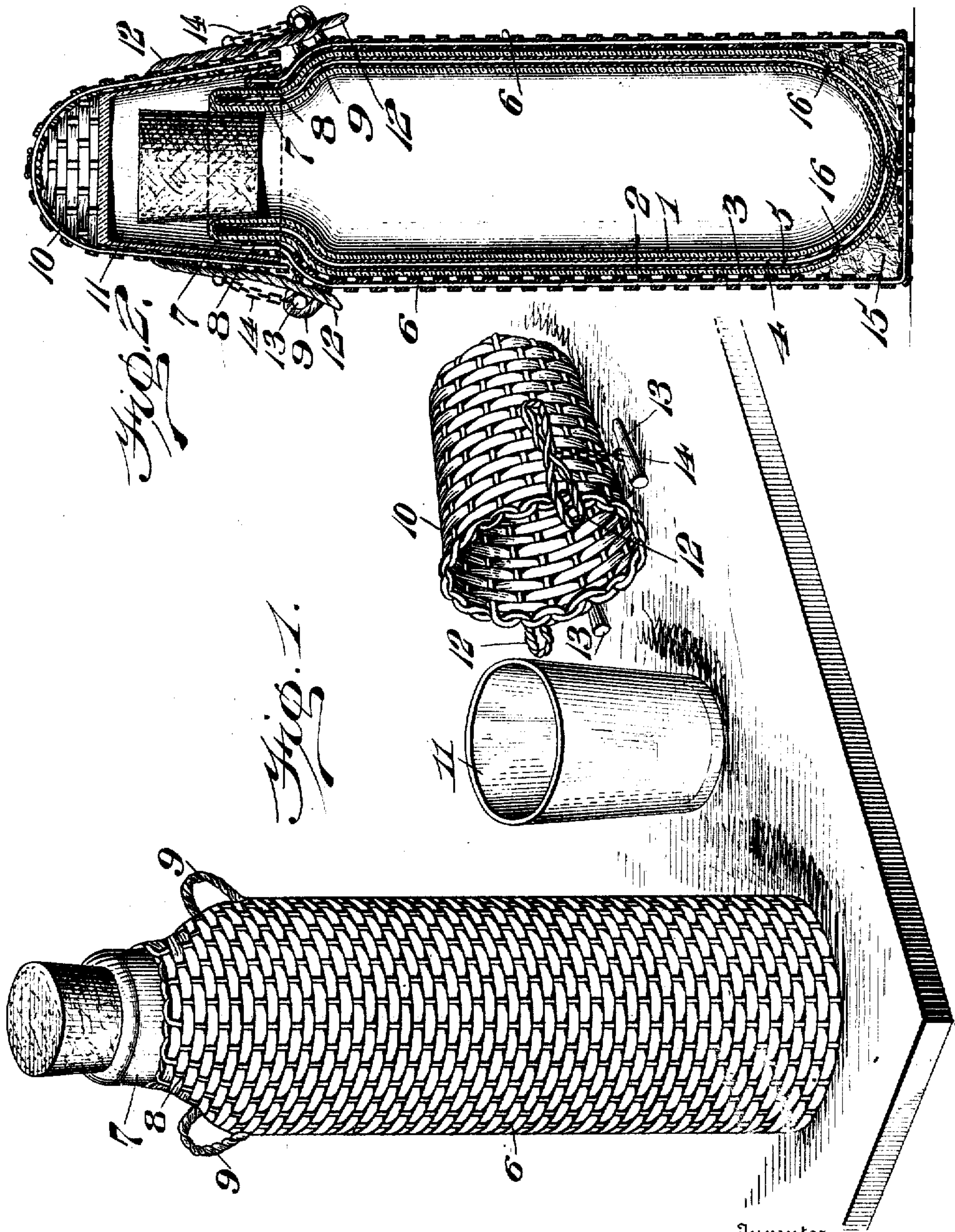


P. O. E. FRIEDRICH.
HEAT AND COLD NON-CONDUCTING BOTTLE OR RECEPTACLE.
APPLICATION FILED JULY 1, 1908.

920,562.

Patented May 4, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

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HEAT AND COLD NON-CONDUCTING BOTTLE OR RECEPTACLE.

No. 920,562.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed July 1, 1908. Serial No. 441,485.

To all whom it may concern:

Be it known that I, PAUL O. E. FRIEDRICH, a citizen of the United States, residing at New York, county of New York, State of New York, have invented a new and useful Heat and Cold Non-Conducting Bottle or Receptacle, of which the following is a specification.

My invention consists of a new and useful heat and cold non-conducting bottle or receptacle and consists in providing a novel covering therefor.

It further consists of novel means for carrying the drinking glass or vessel and connecting the same with the bottle.

It further consists of novel features of construction, all as will be hereinafter fully set forth.

Figure 1 represents a perspective view of a bottle or receptacle embodying my invention, showing the cover and drinking glass in detached position. Fig. 2 represents a vertical sectional view of a bottle with the parts in position.

I have found in practice in devices of this character that it is important to form a covering of suitable material in order to properly protect the glass receptacles or vessels and at the same time to make the bottle as light as possible for convenience in carrying and handling. I have further found that it is of advantage to provide preferably a glass drinking receptacle and to properly support the same so that it will not be broken in transportation. My invention is designed to accomplish these purposes and in the drawings, I have shown a construction which I have found in practice operates successfully but it will be evident that the arrangement of the parts may be varied and other instrumentalities may be employed which will come within the scope of my invention and I do not therefore desire to be limited in every instance to the exact construction as herein shown and described but desire to make such changes as may be necessary.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings, 1 and 2 designate two glass bottles or vessels between which is provided the spaces 3, the air from which is suitably exhausted forming a vacuum, said bottles or vessels being secured together in any suitable or desired manner and being provided with the usual coating of sil-

ver 4 and 5, the former on the outer wall of the inner bottle and the latter on the inner wall of the outer bottle.

6 designates the outer covering for the bottles which is formed preferably of wicker and which is woven or spun around the bottles and projects or extends upwardly around the neck 7 of the bottle, a suitable distance, as at 8, it being understood that in the drawings, I have shown the said covering as terminating a slight distance from the mouth of the bottle but it may be terminated at any desired point.

9 designates eyes which are connected with the covering 6.

10 designates a cap preferably of wicker, which is of suitable size and shape and is adapted to receive the drinking vessel 11 which is preferably of glass and which closely engages the inner wall of the cap 10, it being noted that the mouth of said drinking vessel, when in position, is adapted to receive the extension 8 of the covering 6, so that the drinking vessel will be seated between the same and the cap 10, forming a suitable support therefor to prevent breakage of the drinking vessel 11.

Depending from the cap 10 are loops 12 which are adapted to receive eyes 9 while carried preferably by the cap 10 are pins 13 which are adapted to be seated in the eyes 9 when the loops are in position in order that the cap 10 will be properly connected with the covering 6. Any suitable means for carrying the pins 13 may be employed and in the drawings, I have shown a connection 14 for this purpose.

Between the bottom wall of the vessel and the covering 6, I provide a suitable heat and cold non-conducting material 15, such as natural wool, which serves as a cushion for the bottles and will assist in preventing breakage of the same and at the same time assists as a non-conductor for the heat and cold.

The two vessels 1 and 2 are held in suitable position with respect to each other by any suitable spacing device and in the drawings, I have shown the deflectors 16 which extend integral from the outer vessel into substantial contact with the inner vessel, for this purpose.

I desire it understood that I have used the term "wicker" in the broad sense as covering the use of any material such as willow,

ratan or other suitable material which will serve the purpose.

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

1. In a device of the character described, an inner and outer vessel having a vacuum therebetween, a covering surrounding the vessels and extending around and engaging the neck thereof, a cap for said covering, and a removable drinking vessel seated around the upper exterior portion of said covering and held between said cap and the extension of the covering whereby breakage of the same is prevented.

2. In a device of the character described, an inner and outer vessel having a vacuum therebetween, a covering surrounding the vessels and extending around and engaging the neck thereof, a cap for said covering, a removable drinking vessel seated around the upper exterior portion of said covering and held between said cap and the extension of the covering whereby breakage of the same is prevented, and means for preventing accidental displacement of said cap from said covering.

3. In a device of the character described, an inner and outer vessel having a vacuum therebetween, a wicker covering surrounding the vessels and extending around and engaging the neck thereof, a wicker cap for said covering and a removable drinking vessel seated upon a covering and held between said cap and the extension of said covering whereby breaking of the same is prevented.

4. In a device of the character described, an inner and outer vessel having a vacuum therebetween, a wicker covering surrounding the vessels and having an extension around

the neck of the vessels, a wicker cap for said covering, a removable drinking vessel seated and held between said cap and said extension whereby the drinking vessel is suitably protected, and means for locking said cap and covering together.

5. In a device of the character described, an inner and outer vessel having a vacuum therebetween, a wicker covering surrounding the vessels and having an extension around the neck of the vessels, a wicker cap for said covering, a removable drinking vessel seated and held between said cap and said extension whereby the drinking vessel is suitably protected, and coacting eyes and loops common to said cap and covering for locking the parts together.

6. In a device of the character described, an inner and outer vessel having a vacuum therebetween, a wicker covering for said bottles having an extension around the neck thereof, a cap for said covering, coacting eyes and loops on said cap and covering, pins for locking said eyes and loops together, and a removable drinking vessel carried by said cap and seated and held between said cap and said extension whereby the drinking vessel is suitably protected.

7. In a device of the character described, a bottle, a covering surrounding said bottle and extending around and engaging the neck thereof, a cap for said covering and a removable drinking vessel seated around the upper portion of said covering and held between said cap and the extension of said covering, whereby breakage of the cap is prevented.

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Witnesses:

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