

J. T. PHELAN.
 COOLING DEVICE FOR TREATING FEVER CASES.
 APPLICATION FILED JULY 13, 1910.

1,004,192.

Patented Sept. 26, 1911.

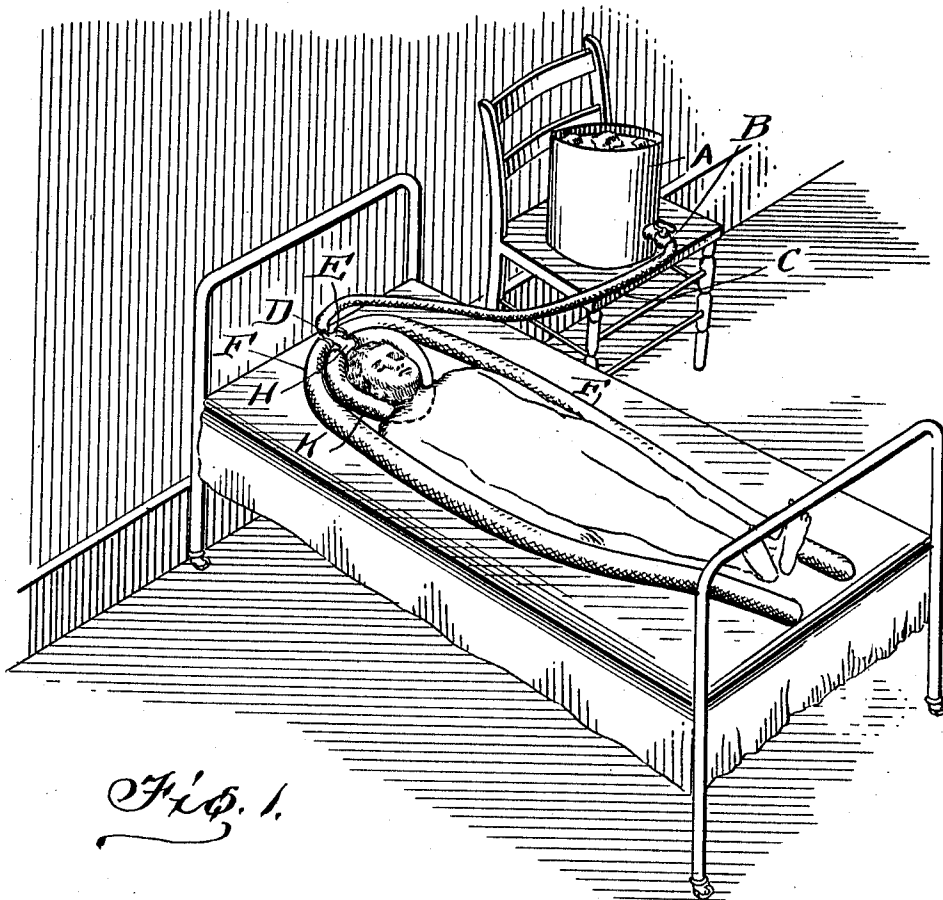


Fig. 1.

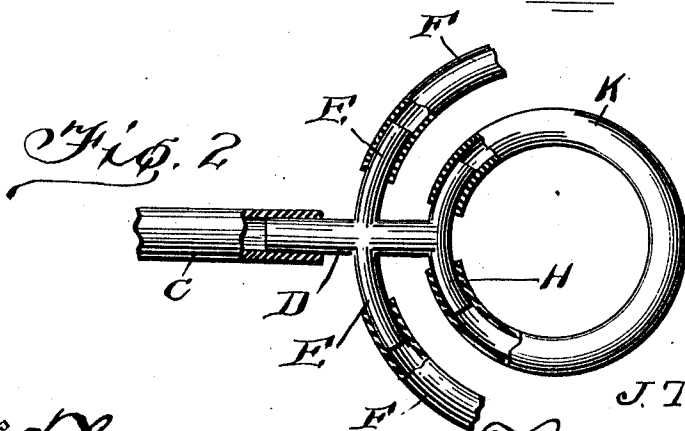


Fig. 2.

Witnesses
Geo. L. Sherry
A. L. Stough

Inventor
J. T. Phelan.
 By *Franklin M. Stough*
 Attorney

UNITED STATES PATENT OFFICE.

JOHN T. PHELAN, OF MARSHALL, MISSOURI.

COOLING DEVICE FOR TREATING FEVER CASES.

1,004,192.

Specification of Letters Patent. Patented Sept. 26, 1911.

Application filed July 13, 1910. Serial No. 571,837.

To all whom it may concern:

Be it known that I, JOHN T. PHELAN, a citizen of the United States, residing at Marshall, in the county of Saline and State of Missouri, have invented certain new and useful Improvements in Cooling Devices for Treating Fever Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in devices for cooling fever patients by causing cold water to circulate about the parts of the patient whose temperature is excessive.

The invention comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view showing the application of my invention to a patient. Fig. 2 is an enlarged detail view partly in section.

Reference now being had to the details of the drawings by letter, A designates a bucket or receptacle in which the cooling agent, preferably ice water, is adapted to be contained and having a spigot B with which a tube C communicates. A pipe D is adapted to telescope with one end of said tube, said pipe having laterally branching tubes E opening from the pipe D at points opposite each other and to which the tubes F are connected, adapted to extend adjacent to and the length of the person for the pur-

pose of cooling the adjacent parts of the body. Said pipe D extends beyond the points from which the tubes E project and has other branching tubes H opposite each other and to which the ends of the hose or tubing K are connected, making a circular passageway adapted to surround the head of the patient in the manner shown in Fig. 1 of the drawings.

In the event of the receptacle A containing ice being placed higher than the cooling pipes adjacent to the patient, the water in said pipes as it becomes warm will be replaced by the cold water.

The application of my invention will be readily understood and is as illustrated in Fig. 1 of the drawings in which the circular outlined tubing is passed about the head of the patient and underneath the neck so that the parts with the greatest degree of temperature may be subjected to the cooling influence of the water before the latter becomes heated, while the tubes extending the length of the body may be placed against the limbs and thus, by their close proximity, absorb excessive heat from legs and the feet of the patient.

What I claim to be new is:—

A cooling apparatus for fever patients comprising a cooling pipe with closed ends adapted to be positioned adjacent to the body of a person, a supply pipe communicating with said cooling pipe intermediate its ends, a circular outlined pipe communicating with the supply pipe and adapted to pass underneath the neck and surround a portion of the head of a person.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

JOHN T. PHELAN.

Witnesses:

CHAS. H. FLYNN,

E. J. CLEMENTS.