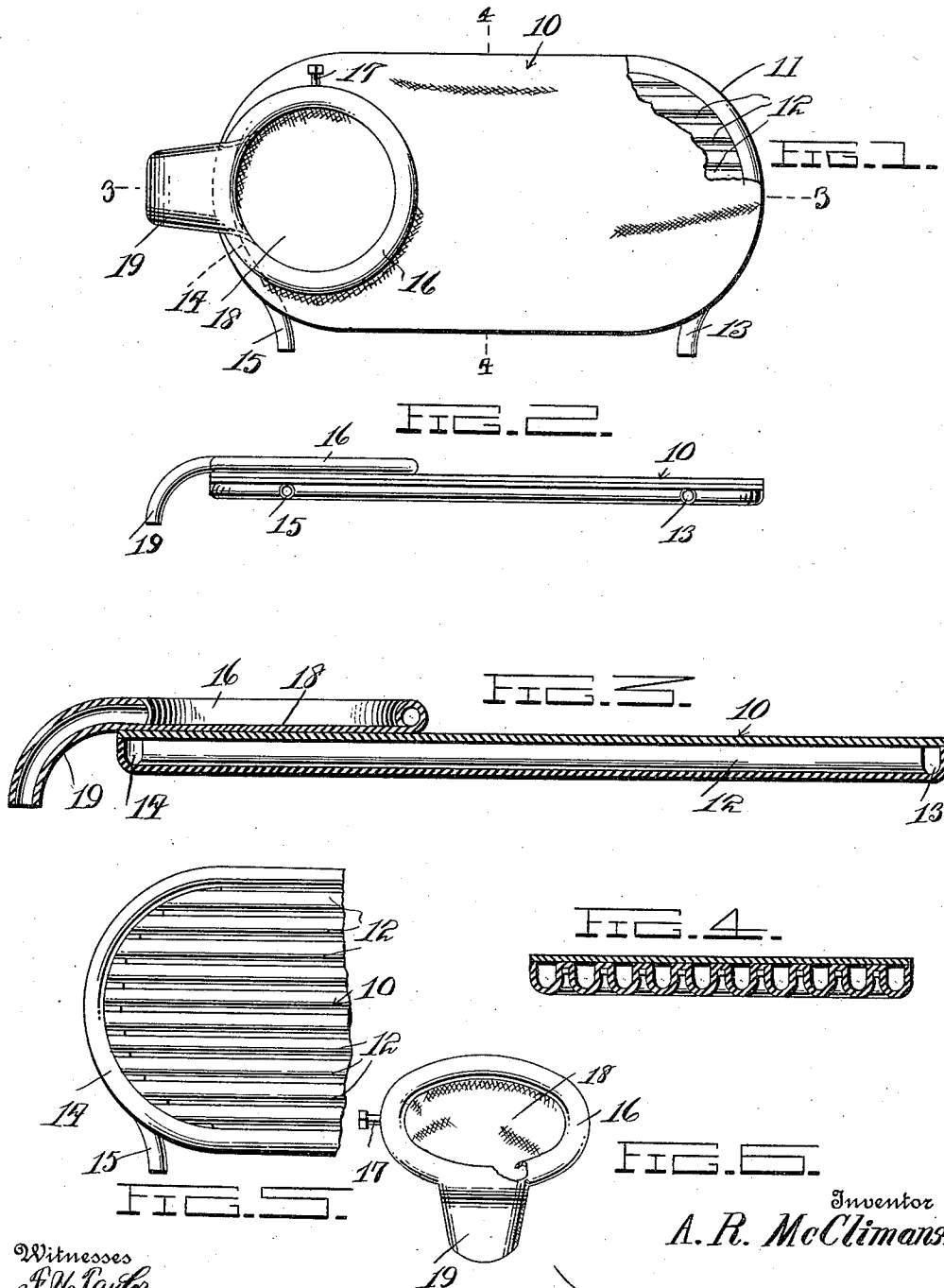


A. R. McCLIMANS.
SURGICAL BLANKET.
APPLICATION FILED JUNE 3, 1912.

1,059,627.

Patented Apr. 22, 1913.



Witnesses
F. W. Taylor

Francis Boyle

Inventor
A. R. McClimans.

By *Charles Chandler*

Attorney

UNITED STATES PATENT OFFICE.

ALBERT R. McCLIMANS, OF BURWELL, NEBRASKA.

SURGICAL BLANKET.

1,059,627.

Specification of Letters Patent.

Patented Apr. 22, 1913.

Application filed June 3, 1912. Serial No. 701,400.

To all whom it may concern:

Be it known that I, ALBERT R. McCLIMANS, a citizen of the United States, residing at Burwell, in the county of Garfield, State of Nebraska, have invented certain new and useful Improvements in Surgical Blankets; 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.

This invention relates to surgical bandages and has for an object to provide a blanket having longitudinal tubes for effecting a circulation of hot or cold water to suit different requirements, there being a catch basin assembled with the bandage and so arranged as to be comfortable to the patient while at the same time not impede the proper circulation through the tubes.

With the above object in view the invention consists of certain novel details of construction and combination of parts herein-after fully described and claimed, it being understood that various modifications may be made in the minor details of construction within the scope of the appended claim.

In the accompanying drawing forming part of this specification:—Figure 1 is a plan view of a surgical blanket constructed in accordance with my invention. Fig. 2 is a side elevation of the blanket. Fig. 3 is a longitudinal sectional view taken on the line 3—3 Fig. 1. Fig. 4 is a cross sectional view taken on the line 4—4 Fig. 1. Fig. 5 is a fragmentary plan view showing the blanket with the catch basin detached. Fig. 6 is a detail perspective view of the catch basin.

Referring now to the drawing in which like characters of reference designate similar parts, 10 designates a blanket preferably formed of sheet rubber. The opposite end edges of the blanket are cut substantially semi-circular in outline as shown at 11. A plurality of spaced parallel circulating pipes 12 preferably formed of rubber are fixed

to the upper surface of the blanket by cement or otherwise, and extend from end to end of the blanket.

A feed pipe 13 connects the upper ends of the pipes 12 together, and a discharge pipe 14 connects the lower ends of the pipes 12 together, both these pipes conforming to the contour of the rounded ends of the blanket and being secured to the blanket by cement or otherwise.

A catch basin 18 is arranged on the opposite side of the blanket from the parallel pipes 12 and near one end of the blanket, and is provided with an outlet tube 19 which extends longitudinally of and projects beyond the end edge of the blanket. The edge of the catch basin is rolled back as shown at 16 and forms an air sack which may be inflated through a valve 17, this air sack constituting a seat on the catch basin to support the body of the patient.

Hot or cold water, or even air, may be forced into the circulating pipes 12 through the feed pipe 13, and is discharged through the discharge pipe 14, the circulating fluid serving to modify the temperature of the patient to suit various requirements.

What is claimed, is:—

The combination of a blanket, a plurality of parallel pipes extending from end to end of one side of said blanket, a feed pipe and a discharge pipe connected to said parallel pipes, a catch basin secured to said blanket near one end thereof and on the opposite side thereof from said parallel pipes, and having an outlet tube extending longitudinally of and projecting beyond said blanket, the edge of said basin being rolled back and forming an air sack which constitutes a seat on the catch basin.

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

ALBERT R. McCLIMANS.

Witnesses:

L. B. FENNER,
GAYNELL COOK.