

UNITED STATES PATENT OFFICE.

ALBERT GUYER, OF LOUISVILLE, KENTUCKY, AND JOSEPH L. ATHERTON,
OF NEW ALBANY, INDIANA.

IMPROVEMENT IN MEDICAL COMPOUNDS FOR AGUE.

Specification forming part of Letters Patent No. **220,236**, dated October 7, 1879; application filed July 8, 1879.

To all whom it may concern:

Be it known that we, ALBERT GUYER, of Louisville, county of Jefferson, and State of Kentucky, and JOSEPH L. ATHERTON, of New Albany, county of Floyd, and State of Indiana, have invented a new and useful Medical Compound for the Cure of Fever and Ague and other kindred diseases arising from a disordered liver or spleen, or both, the said compound to be administered by means of absorption from a quilted pad filled with the compound and applied externally upon the pit of the human stomach, of which the following is a full, clear, and exact description.

The object of this invention is to effect a radical cure of chills and fever or fever and ague, and is in its character anti-malarial.

It consists of a compound of Peruvian bark, rhubarb, and gum-camphor, pulverized and mixed together, and placed in the pockets or apartments of a quilted porous pad, and this pad, of suitable size, placed next the skin and immediately over the pit of the stomach. This compound is gradually and continually absorbed into the human system, stimulating the liver to action, and gradually moving the bowels, bringing about a healthy action, and by means of absorption imparting the curative properties of the medical compound to the diseased organs, and in this manner effecting a cure.

To enable others skilled in the art to which it appertains to make and use our invention, we will proceed to describe the manner in which we have carried it into operation.

A pad is formed of two or more thicknesses of drilling or other suitable porous fabric, elliptical in form, and of size suitable for the individual wearer, and large enough to cover the pit of the stomach, the pad containing a series of quilted or stitched cells, pockets, or apartments of about one inch in width, sewed or stitched in curving parallel rows running

laterally across the pad, the pockets or cells to be filled with Peruvian bark, rhubarb, and gum-camphor, pulverized and mixed together in the proportions of four (4) parts Peruvian bark, one (1) part rhubarb, and one-eighth ($\frac{1}{8}$) as much gum-camphor as Peruvian bark. These proportions may be varied, if desired.

We prefer to construct the pad with the cells, pockets, or apartments running in a downward-curving direction laterally across the pad and body, in order to keep the compound evenly distributed, causing it to incline downward and toward the center, and at the same time preventing its accumulation at the bottom or lower part. This pad thus filled is intended while in use to be held in contact with and next to the body by being fastened by tapes or bands, one fastened at the top of the pad and extending round the neck, and the other fastened at each side of the pad and extending round the body of the wearer.

This compound will not become hard or disagreeable to the wearer under any circumstances.

We are aware that pads have before been used for the purpose of administering medicine to the human body, but never with our medical compound contained therein, so far as we are aware.

We claim as our invention and desire to secure by Letters Patent—

The medical composition herein described for the treatment of ague and kindred diseases, consisting of Peruvian bark, rhubarb, and gum-camphor, in the proportions specified.

In testimony that we claim the foregoing as our own we hereto affix our signatures in presence of two witnesses.

ALBERT GUYER.

JOSEPH L. ATHERTON.

Witnesses:

JNO. S. JACKMAN,

JAMES S. RAY.