F. H. LEITHEISER.

HEADACHE PAD.

APPLICATION FILED NOV. 29, 1911.

**1,150,526.** Patented Aug. 17, 1915.

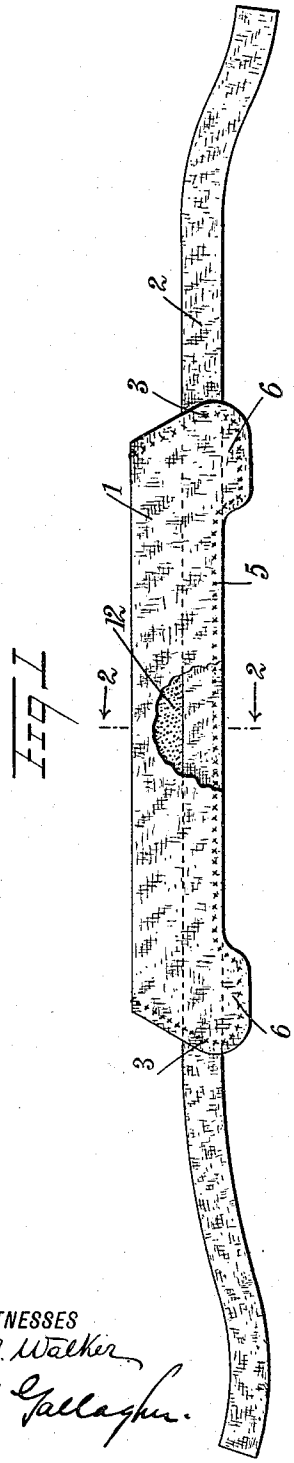



Fig. 1

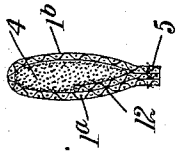



Fig. 2.

WITNESSES

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# UNITED STATES PATENT OFFICE.

FRANK H. LEITHEISER, OF NEW BRUNSWICK, NEW JERSEY.

## HEADACHE-PAD.

1,150,526. Specification of Letters Patent. Patented Aug. 17, 1915.

Application filed November 29, 1911. Serial No. 663,022.

*To all whom it may concern:*

Be it known that I, FRANK H. LEITHEISER, a citizen of the United States, and a resident of New Brunswick, in the county of Middlesex and State of New Jersey, have invented a new and Improved Headache-Pad, of which the following is a full, clear, and exact description.

My invention comprehends a pad of new and useful construction especially adapted to receive a quantity of suitable medication, the pad being adapted to be applied to the head and extending around the temples, whereby headaches may be treated externally.

The principal object of my invention is to provide a new and useful pad having down-turned end portions especially adapted to receive medication, the pad being made up of the pad proper, together with a suitable securing means in the form of a tape or braid, the tape or braid extending throughout the length of the pad and being secured thereto so that when the pad is secured in position on the head the strain will be taken up by the tape or braid, thereby preventing the pad itself from being pulled out of shape or becoming damaged.

Other objects and advantages of the invention will appear as the description thereof proceeds, all of which is particularly pointed out and included in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference denote corresponding parts in both the views, and in which—

Figure 1 is a side view partly sectional, showing the pad; and Fig. 2 is a sectional view thereof on the line 2—2 of Fig. 1.

The device is made up of a pad 1 and a tape or braid 2, the tape or braid extending longitudinally of the pad as shown particularly in Fig. 1 and secured to the ends thereof by suitable stitching 3. The pad itself comprises preferably a single piece of suitable fabric folded on itself to form sides $1^a$, $1^b$, there being a suitable filling of cotton or any other desirable absorbent 4 between these sides and which is adapted to retain a quantity of suitable medication, the lower edges of the sides being united by any suitable means but preferably by a line of stitching 5.

Referring particularly to Fig. 2 it will be noted that the stitching 5 also passes through the tape or braid 2 whereby the braid is secured in position within the pad, which securing means, together with the end stitching 3, permits the pad to be tightly placed around the head, the strain due to tightening of the parts being taken up entirely by the tape or braid, thereby permitting the pad itself to retain its shape and prevent it from becoming torn or damaged by reason of such strain.

The pad illustrated is particularly adapted to be placed around the forehead, the main portion of the pad extending from temple to temple and terminating at each end in the pocket or downturned portion 6 adapted to lie over a temple. These pockets, though constituting continuations of, and, hence, being in communication with the material of the main pad, serve as reservoirs for the medicaments and from which the medicaments pass by absorption throughout the pad 1. The enlargements or pockets serve, therefore, as a convenient and rapid means for supplying medicaments through the pad and also serve as means for applying a larger amount of the medicaments directly to the temples.

While the binding tape or connection 2 is shown as extending longitudinally entirely through the pad from one end to the other and stitched to the pad fabric at its ends 3 and along the main portion of the bottom edge at 5, it is to be noted particularly that where the portions of the band traverse the pockets 6, said portions are free or unstitched with respect to the pad structure. It follows, therefore, that while the pad as a whole is securely and conveniently applied to the forehead in an easy and smooth manner and the main portion of the pad is kept in proper form, the free relation between the pocket portions of the pad and the portions of the tape which traverse the same provides that a slight stretching effect at the pockets may take place, one result of which is to insure a more easy and complete distribution of the medicaments from the pockets along the main portion of the pad.

The particular fabric of which the pad and the tape or braid is made is not essential, it being obvious that different sizes and different materials of different shapes may be employed without departing from the spirit and scope of the appended claims.

Having thus described my invention, I

claim as new, and desire to secure by Letters Patent:—

1. The herein described headache pad comprising a casing filled with absorbent material and adapted to extend from one temple across the forehead to the other temple, the temple portions or ends of the casing being extended downwardly forming pockets, the portion of the casing between the pockets having a straight lower edge, and a continuous tape extending longitudinally through the casing from one end to the other in close proximity to said straight edge, said tape being secured at the ends of the casing and along said straight lower edge but having the portions thereof which span the pockets free from connection with the casing.

2. The herein described headache pad comprising a casing of substantially rectangular form throughout its main portion but having integral pockets formed at the ends and extending downwardly below the main portion of the casing, stitching extending along the ends of the casing around the lower edges of the pockets and along the lower edge of the main portion of the casing, and a fastening member for the pad extending longitudinally straight through the casing from one end to the other, said fastening member being stitched by the aforesaid stitching at the ends of the casing and along the straight lower edge of the main portion of the casing but being free from the stitching at the lower portions of the pockets, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANK H. LEITHEISER.

Witnesses:
JOHN C. WRIGHT,
WALTER L. BRYANT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents-Washington, D. C."