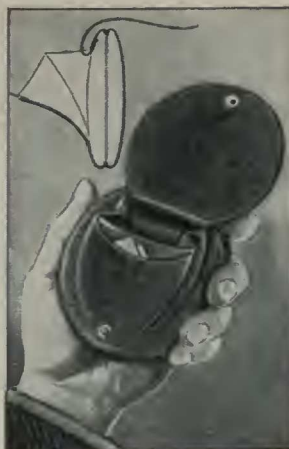


**A Tobacco-Pouch and Purse Holder Combined**

A POUCH which contains three compartments, one for tobacco, one for money and a third for stamps, has been invented by Charles J. Hathaway, of Walsall, England. The tobacco is carried in the circular compartment which forms a base for the entire pouch. Next is the purse, equipped with a flap, and on the outside is the small pocket for stamps. An outer flap folds over and entirely closes the pouch.



Each of the three compartments is self-locking and entirely independent

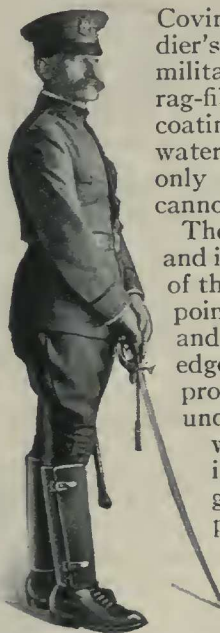
**Supporting the Arch of the Foot with an Extra Heel**

DOCTORS affirm that a great many persons suffer from nervous disorders which arise from slightly abnormal conditions of the feet. These persons unknowingly have fallen arches and the nerves of the legs, stretched as they are, cannot perform their operations normally. Since these nerves are connected through other nerves with the brain, such a condition may result in any one of the nervous disorders. A second heel attached to a shoe would prevent this occurrence by serving as an arch-supporter. An arch-support of the kind devised by Peter Broadbrooks combines the advantages of a "built-in" with those of a detachable supporter. The type shown in the illustration cannot move about under the arch while, like the detachable kind, it can be adjusted to meet the requirements of the wearer.

The device consists of a base-plate placed in front of the ordinary heel. A steel sleeve having the form of a short tube is threaded at one end so that it may be screwed



The second heel serves as an arch supporter



The legging is adjustable at different points of the length to insure a snug fit

to the base-plate. Into this a solid cushion of rubber is permanently fastened, and attached to the bottom of this is a metal plate to give longer wearing life to the cushion. A sleeve of this type is fastened to the shoe, and if the proper height has been selected, it ought to be more comfortable than it ever was before.

**A Snake-Bite Proof Material for Soldiers' Leggings**

THE needs of the soldiers in the trenches and elsewhere have furnished inspiration for numerous inventors. Dr. C. E. Rogers, of

Covington, Va., would make the soldier's life easier with a new type of military legging made of vulcanated rag-fiber material, treated with a coating which renders it absolutely waterproof. It is claimed to be the only material which a snake's fang cannot penetrate.

The legging is fitted in at the ankle and is shaped to conform with the calf of the leg. It is adjustable at different points of the length to insure a snug and comfortable fit. The fastening edges overlap and a special clasp is provided which includes slots in the underlapping edge. Spring keepers, with enlarged heads, are riveted in the overlapping part of the legging. These slide into the corresponding slots and are secured by metal strips.

The clasps are unlocked almost instantly when desired by means of an eyelet and button. The button moves within the eyelet and is connected with the spring keeper by means of a flange and coiled spring.

To open the legging it is necessary only to press the button against the spring, so that they are taken off or put on in a moment's time.

Although designed to meet the special need of the soldier, the leggings can be worn by hunters and equestrians generally. They are very light in weight and in spite of their impenetrability are very flexible. They are said to cost about one fourth as much as the ordinary leather leggings. The vulcanated material is adaptable for other uses also, but leggings are the only articles that have as yet been made from it.