(No Model.)

G. N. THURZÓ.

RUBBER HOLDER FOR CRUTCHES, HEELS, &c.

No. 282,132. Patented July 31, 1883.

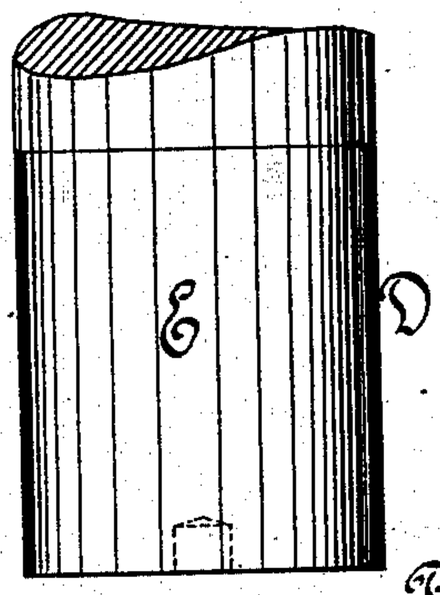


Fig. I.

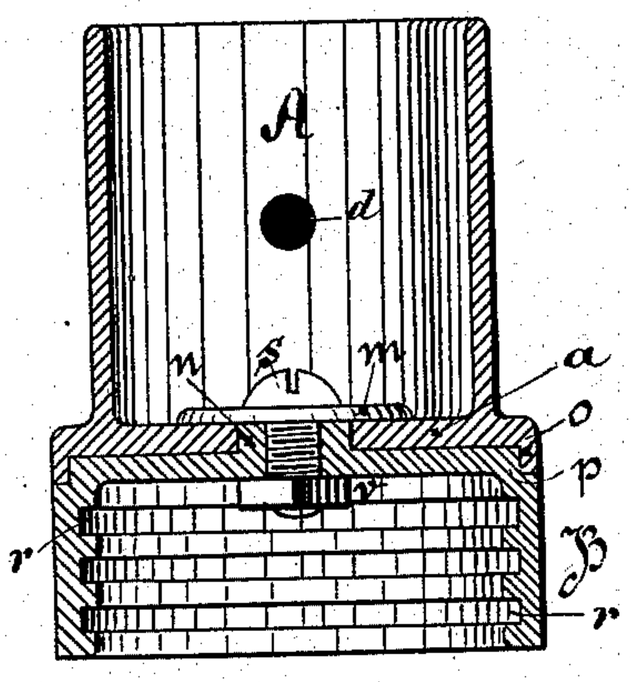


Fig. II.

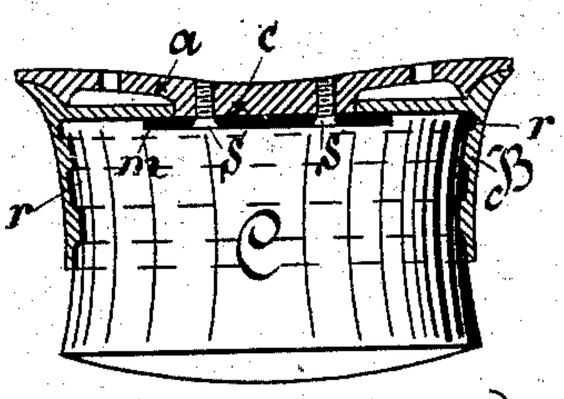
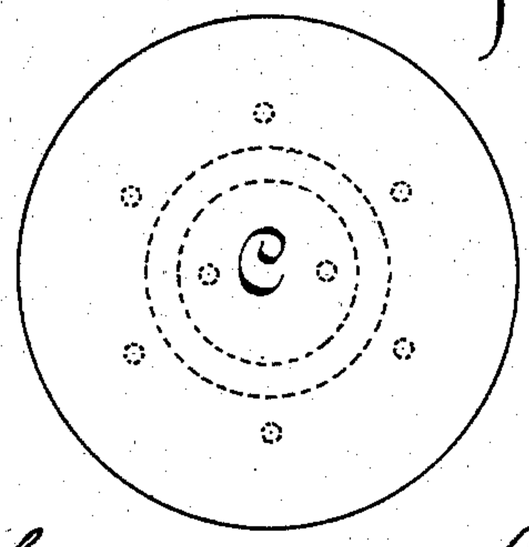


Fig. III.

Fig. IV.



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GEORG N. THURZÓ, OF VIENNA, AUSTRIA-HUNGARY.

RUBBER HOLDER FOR CRUTCHES, HEELS, &c.

SPECIFICATION forming part of Letters Patent No. 282,132, dated July 31, 1883.

Application filed March 20, 1883. (No model.) Patented in Belgium November 15, 1882, No. 59,441; in Austria-Hungary November 29, 1882; in England February 5, 1883, and in Italy March 30, 1883.

To all whom it may concern:

Be it known that I, GEORG NICOLAUS THURZÓ, a subject of the Empire of Austria-Hungary, residing in Vienna, in the Empire of Austria-Hungary, have invented new and useful Improvements in Revolving Caoutchouc Holders for Crutches, Heels, &c., (for which I have obtained a patent in Belgium, bearing date November 15, A. D. 1882, No. 59,441,) of which the following is a specification.

My invention relates to revolving caoutchouc holders forming the heels of boots or the point of supports of crutches, wooden legs, &c., and has for its object to offer a support of uniform wear and free motion.

In the accompanying drawings, Figure I is a vertical section of the revolving caoutchouc holder and the end of the wooden leg detached. Fig. II is an outside view of the caoutchouc block. Fig. III is an outside view of the whole put together. Fig. IV shows a vertical section of the caoutchouc holder as applied for the heels of boots or shoes.

At the end of a wooden leg or of a crutch, E, a metal ferrule, D, is attached, over which a tube or cap, A, is adjusted provided with a bottom plate, *a*, the central bore of which receives the central hub, *n*, of the revolving capsule B. This capsule B is united with the bottom plate, *a*, by means of the screw *s*, nut *v*, and collar *m*, capable of turning freely over the surface of an annular rim or projection, *o*, on the plate *a*, fitting into a corresponding recess, *p*, in the capsule B. The cylindrical hollow of the revolving capsule B has several grooves, *r*, into which the caoutchouc or india-rubber C presses when being forced into the hollow part of the capsule and prevents the same from escaping. The cap A is attached to the ferrule D and end of crutch E through suitable pins driven into the holes *d*.

To apply the revolving capsule B to the heels of boots or shoes, the plate *a* is in that case screwed immediately to the heel of the boot, and the central bore of the capsule B is fitted over a central hub, *c*, on said plate *a*, and attached by means of a disk or washer, *n*, and screws *s s*, the outer rim of said capsule fitting into a suitable recess on the periphery of the plate *a*. The cylindrical hollow of the capsule is provided with several grooves, *r*, into which the india-rubber block C expands when forced into this capsule.

What I claim as my invention, and desire to secure by Letters Patent, is—

The revolving capsule B, provided with internal grooves or recesses, *r*, and india-rubber block or cylinder C, with screw *s*, collar or washer *m*, and nut *v*, in combination with the cap A and the end of a wooden leg or crutch, D, substantially as described, and for the purpose set forth.

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

GEORG NICOLAUS THURZÓ.

Witnesses:
WILHELM KNAPPAL,
KARL KNIENIDER.