

(No Model.)

J. DIERKS & T. B. KAIL.

CANE.

No. 324,093.

Patented Aug. 11, 1885.

Fig. 1.

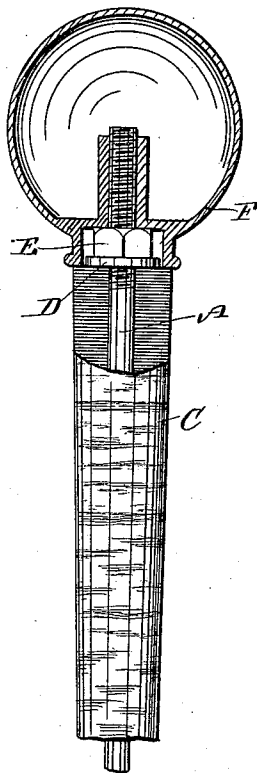


Fig. 2.

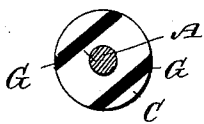
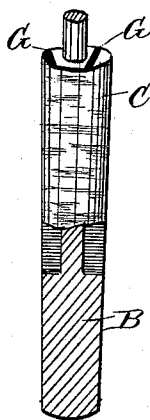
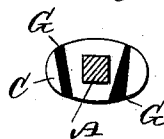


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN DIERKS AND THOMAS B. KAIL, OF HARLAN, IOWA.

CANE.

SPECIFICATION forming part of Letters Patent No. 324,093, dated August 11, 1885.

Application filed October 14, 1884. (No model.)

To all whom it may concern:

Be it known that we, JOHN DIERKS and THOMAS B. KAIL, both of Harlan, in the county of Shelby and State of Iowa, have invented new and useful Improvements in Canes and other Sticks, of which the following is a full, clear, and exact description.

The object of our invention is to provide new and improved canes, other sticks, handles, and other like articles made of paper wads or disks.

The invention consists of the combination of parts and their construction substantially as hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal view of our improved cane, parts being broken out and others shown in section. Figs. 2 and 3 are face views of the paper disks or wads of which the cane is made.

A metal rod, A, metal tube, or wooden stick, either square, flat, polygonal, or round, is provided on its lower end with a solid metal tip, B, and has its upper end screw-threaded. On the rod A paper disks or wads C are mounted from the top to the bottom, the disks being pressed firmly together or united by adhesive substances to form a solid and hard mass, which is turned off, finished, trimmed, and polished. A washer, D, is placed on the uppermost wad, and a nut, E, is screwed on the rod and drawn up tight. A handle or knob, F, of any desired kind, is then screwed on the upper end of the rod.

The disks or wads may be circular, oval, square, oblong, polygonal, or may have any other suitable shape, and they may all be of

the same or different colors, or they may be provided with different-colored stripes G, so that different colors will show on the edges.

The different colors on the edges show on the surface of the stick as fine lines, which may be arranged to form larger or smaller spots of uniform or various colors, and thus a flaky or pearly appearance can be given to the surface of the stick.

Canes, parasol and umbrella sticks and handles, cutlery-handles, yard-sticks, rulers, door-knobs, balustrades, newel-posts, railings, curtain-rods, gun and pistol stocks, pen-holders, furniture legs, arms, and other parts, frames, and stands can also be made in the manner described, the central rod being curved or straight.

We are aware of the existence of milling-rollers formed of paper disks having central apertures through which passes the shaft, and of the existence of a whip with its stock or handle comprising a series of disks or buttons made of wood or leather or paper or other suitable material, through central holes of which passes a wire joining the same together.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A cane or other article formed of a series of paper disks or wads provided with stripes on the surfaces and mounted on a rod, the disks being pressed together or united by adhesive substances, whereby is produced upon the cane or article an ornamented outer surface, substantially as herein shown and described.

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