

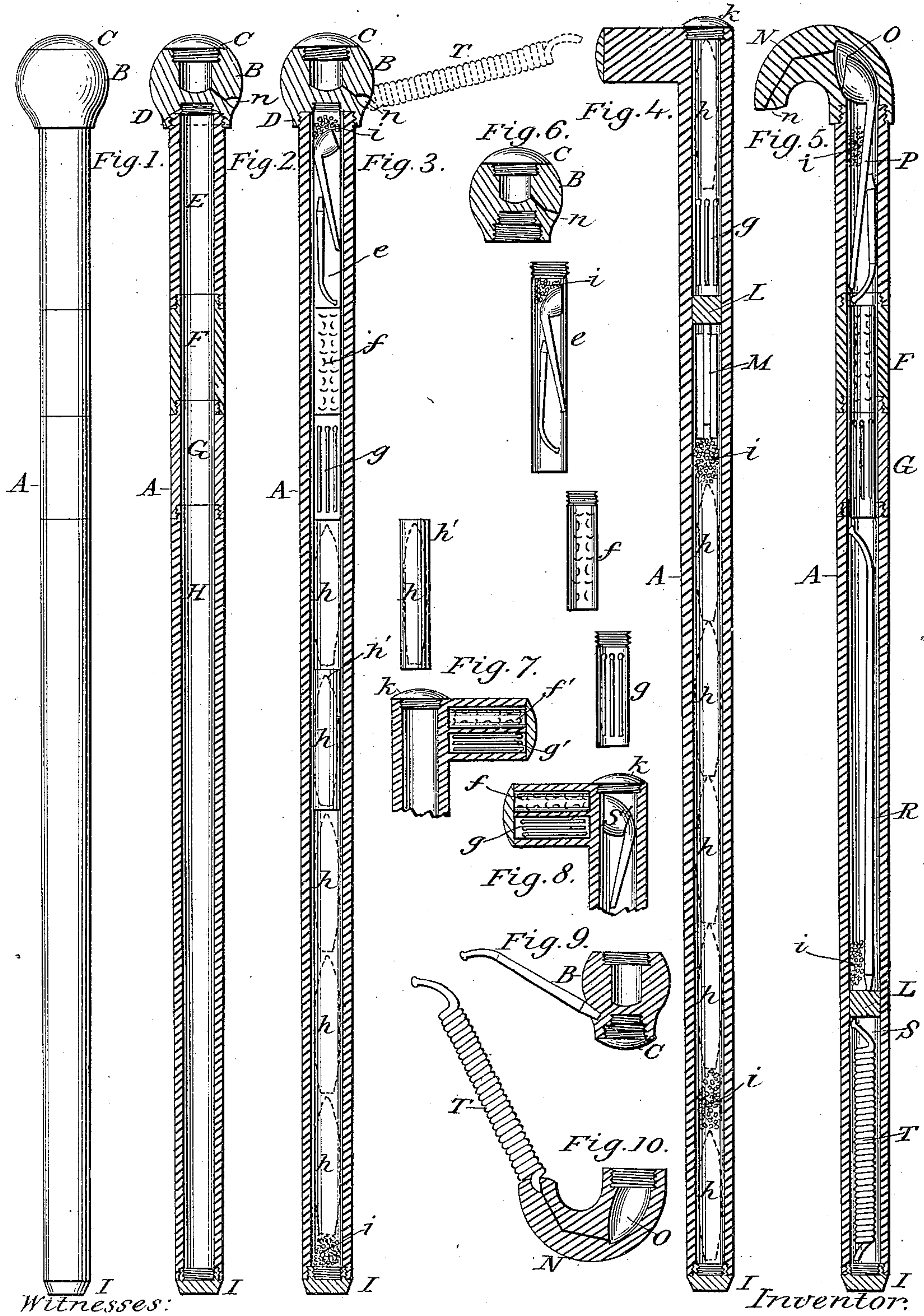
(No Model.)

D. CROWLEY.

COMBINED CANE, CIGAR CASE, PIPE BOWL, &c.

No. 253,011.

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Witnesses:
J. H. Adams.
E. Klanta

Inventor:
Daniel Crowley.

UNITED STATES PATENT OFFICE.

DANIEL CROWLEY, OF BOSTON, MASSACHUSETTS.

COMBINED CANE, CIGAR-CASE, PIPE-BOWL, &c.

SPECIFICATION forming part of Letters Patent No. 253,011, dated January 31, 1882.

Application filed December 24, 1880. (No model.)

To all whom it may concern:

Be it known that I, DANIEL CROWLEY, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Combined Cane, Cigar-Case, and Pipe-Bowl, &c., of which the following is a specification.

The object of my invention is to so construct a walking-cane that it may be utilized for holding various articles for smokers' use, such as tobacco, pipes, cigars, cigarettes, and matches, either one, two, or all of such articles; and the invention consists in providing a series of tubular boxes to form separate compartments, screwed or otherwise suitably joined together to constitute a walking-cane; or said series of tubular boxes or compartments may be connected together, end to end, within a cane. Said boxes are so constructed and arranged that when either one, two, or all of them are properly united or held to another similar piece of tubing of sufficient length to make with the same, when thus combined, a walking-cane, said one, two, or all of said boxes so united or held shall constitute a part of the interior and holding capacity of said cane, said boxes being at the same time both reversible and interchangeable, and when either one, two, or all of such boxes or compartments are united or held within a hollow cane, said one, two, or all of such boxes so united or held shall constitute a part of the interior and holding capacity of such cane, said boxes being at the same time both reversible and interchangeable.

My invention further consists in the employment of a movable or adjustable partition placed within the cane for the purpose of holding in position one or more articles contained in the cane or the several boxes or compartments.

My invention is illustrated in the accompanying drawings, in which Figure 1 represents an ordinary walking-cane as used in my invention. Fig. 2 is a longitudinal section of the cane, showing the several sections or compartments screwed together. Fig. 3 is a longitudinal section of the cane, the outer tubing of which is made in one piece and inclosing the several compartments or tubular boxes with their contents. Fig. 4 represents a hollow cane provided with a movable or adjustable parti-

tion. Fig. 5 shows a modified form of my invention, in which the handle is utilized as a pipe-bowl and pipe-holder. Fig. 6 shows one form of the head of the cane, constituting a pipe-bowl. Figs. 7 and 8 are modifications of the head of the cane. Figs. 9 and 10 show the heads of the cane detached and with stems attached to each to form pipes. Other figures show the several compartments detached from the cane.

Similar letters indicate like parts in the several figures.

A in the several figures represents the main body of the cane, which may be made of metal, wood, or other suitable material. On the top of the cane is the head B, which may be of brier-wood or other material, and made hollow or with a cavity, so as to constitute a pipe-bowl, either when on the cane or detached from the cane. The head B is provided with a cover, C, and is screwed or otherwise attached to the top of the cane, as shown at D. The head B serves as a pipe when on the cane by removing the cap C and inserting a stem in the opening *n*, as shown in dotted lines in Fig. 3, and when detached from the cane forms a separate pipe, as shown in Fig. 9. In the latter case the cover C is removed from the top of the head B and secured to the top of the upper section or upper part of the cane, as shown in dotted lines in Fig. 2, or it may be secured to the bottom of the head B, as shown in Fig. 9.

E, F, G, and H in Fig. 2 show the cane divided into sections, forming separate compartments, screwed together, as shown; or they may be otherwise attached the one to the other, so that each compartment may be separately detached from the others, as desired. The several sections may be made reversible or interchangeable, so as to change positions above and below each other, if desirable. At the lower end of the cane is a metal tip, I, screwed or otherwise fastened to the cane, so as to be readily removable. The upper section, E, is designed to hold a pipe and one or more stems to be used with the bowl B, which is provided with a suitable hole, *n*, for the purpose. The section F is a compartment for holding the tobacco, *f*. The section G is a compartment for holding matches, *g*, and the lower section, H, is designed for holding cigars, *h h*. Each compartment, it will be seen, can be separately de-

tached for filling with its proper contents, or for removing the same, as required. The cigars *h h* may be inserted into or taken from the upper end of the compartment *H* when the latter is detached, or they may be inserted into and taken from the lower end of the cane by removing the tip *I*.

In Fig. 3 the body of the cane *A* is shown as made in one piece; and the three separate compartments, holding a pipe and stems, as at *e*, the tobacco *f*, and matches *g*, are screwed or otherwise fastened together, and then screwed or otherwise held to the head *B*, so that said compartments can then be inserted into and held or removed from the upper portion of the cane, the portion below the lower compartment being the receptacle for cigars *h h*. When it is intended to have said compartments inserted into or taken from the lower end of the cane, they may be screwed or otherwise held to the tip *I*. When the cigars are of the right size to fit the interior of the cane without becoming too loose, I put them in perpendicularly, and on taking one out I fill its place with the small wad of sponge, *i*, or other suitable light material, preferably of an elastic character, to keep the others in their places; or the cigars may be protected by placing such wads in the spaces that may be between them, as shown.

In order to prevent the cigars *h h* from being injured by shaking about in the cane, I sometimes place each one in a case or covering, *h'*, made of paper or other suitable material, each of said cases resting upon the one below it, or upon such wads placed between them. When a cigar is taken from its case the latter is restored to its place in the cane.

Fig. 4 represents a cane made hollow through its entire length, and provided with a handle at right angles with the cane, or it may have a head similar to that designated by *B* in Figs. 1, 2, and 3. The upper end of the hollow portion is covered by a cap or plate, *K*, suitably secured to the cane. When the handle is made detachable it constitutes a pipe-bowl.

In a cane constructed as shown in Fig. 4 a cigar, *h*, is placed in the upper compartment, and below this is the compartment for matches, and forming a support for the same is a movable or adjustable partition, *L*, composed of rubber, cork, or other suitable material, preferably of an elastic character, to enable it to be removed from one position to another within the cane as circumstances require. More than one of such partitions may be used when required.

In Fig. 4 are shown cigarettes, designated by *M*, and placed in the compartment with the cigars *h*.

In Fig. 5 is shown a further modification of my invention. The head *N* is made of a curved form, and is provided with a cavity, *O*, which constitutes the bowl of a pipe. It has a suitable hole, *n*, for the insertion of a stem, and when removed from the cane forms a pipe, as shown in Fig. 10. The stem of the pipe when not in use is placed in a compartment, *P*, in

the upper part of the cane, in which compartment is also placed a separate pipe, the bowl of which fits within the bowl or cavity *O* of the handle *N*. Below the compartment *P* are the compartments *F G*, similar to those before described for holding tobacco and matches. Below these compartments is a compartment, *R*, in which is to be placed a pipe-stem, which may be rigid or flexible, and may be used with the cane handle or bowl *N* when such handle is to be used as a pipe. At the lower end of the compartment *R* is a partition, *L*, similar to that hereinbefore described. In the compartment *S*, at the lower portion of the cane, is a coiled hollow tube, *T*, designed to be used instead of ordinary pipe-stems. It is made to fit the pipe-bowl forming the cane-head when it is desirable to have a much longer draft than with other stems. The coiled stem may also be used as a cigar-holder.

Fig. 7 represents a cane-handle having combined compartments for tobacco, *f*, and matches, *g*.

Fig. 8 represents a cane-handle having combined compartments for tobacco, *f'*, matches, *g'*, and pipe, *S*.

The pipes and pipe-bowl should be of a size to fit their places; but if smaller ones are used they should be properly protected by pieces of sponge or other suitable material, as aforesaid.

When pipes or tobacco are not required, cigars and cigarettes, or either, may be placed in the tobacco and pipe holders, or spaces designed therefor. The sponge is so compressible that it can, when not used for protective purposes, be kept in the pipe-boxes. The partition *L* can be made with a small hole in the center, through which a pipe-stem may be extended when desired. That the coiled pipe-stem fitted to a pipe-bowl or cigar affords a much greater length of draft than that of an ordinary pipe-stem or cigar-holder will be manifest when it is stated that an eighth of an inch tubing with a one-sixteenth of an inch bore will, when coiled, give at least one foot of draft through the tube to each and every inch of coil of five-eighths of an inch diameter.

I am aware of a combined cane and pipe, as shown in Patent No. 190,859, and also of a combined cane-top and match-safe, as shown in Patent No. 233,676; but I do not herein claim either of such devices.

What I claim as my invention is—

1. A series of reversible and interchangeable tubular boxes, *e f g*, screwed or otherwise held together, and then held within a hollow cane to the head *B* or to the tip *I*, substantially as set forth.

2. The pipe-stem opening *n* in the cane-head *B*, substantially as described and shown.

3. The combination, in a cane-head, of a pipe-bowl and stem, constructed and arranged substantially as described, whereby the cane, with its head, can be used as a pipe without removing the head, as set forth.

4. The removable tip *I*, in combination with

one or more tubular boxes, *e f g*, and cane A, all so arranged as to hold the said boxes securely in place and admit of the insertion and removal of the boxes at the lower end of the
5 cane, substantially as specified.

5. In combination with cane-head B, the removable cover C, made to serve as a cap to the same, or bottom piece to the cane-head, when the same is detached for use as a pipe,
10 substantially as described.

6. In combination with a cane provided with partitions and compartments, as described, one or more pieces of sponge for the purpose of protecting the contents of the compartments,
15 substantially as set forth.

7. One or more adjustable and removable partitions, L, in combination with a hollow cane, substantially as and for the purpose set forth.

20 8. A coiled tube, T, adapted to be fitted within a cane, and for use as a stem in connection

with the pipe S or a cigar, substantially as specified.

9. A cane-head having a hole through it, in combination with a cap secured to the bottom
25 of the cane-head to form a pipe-bowl, substantially as specified.

10. A cane-handle having combined compartments *f' g' S'*, for tobacco, matches, and pipe, substantially as set forth.
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11. In combination with a cane provided with partitions and compartments, as described, one or more paper-cases, for the purpose of protecting the contents of the compartments, substantially as set forth.
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In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DANIEL CROWLEY.

Witnesses:

J. B. A. GRIFFIN,
F. H. MOORE.