April 24, 1956 S. J. CANNATA 2,742,956

COMBINATION WALKING CANE, CHAIR AND CLOTHING TREE

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Fig. 1.

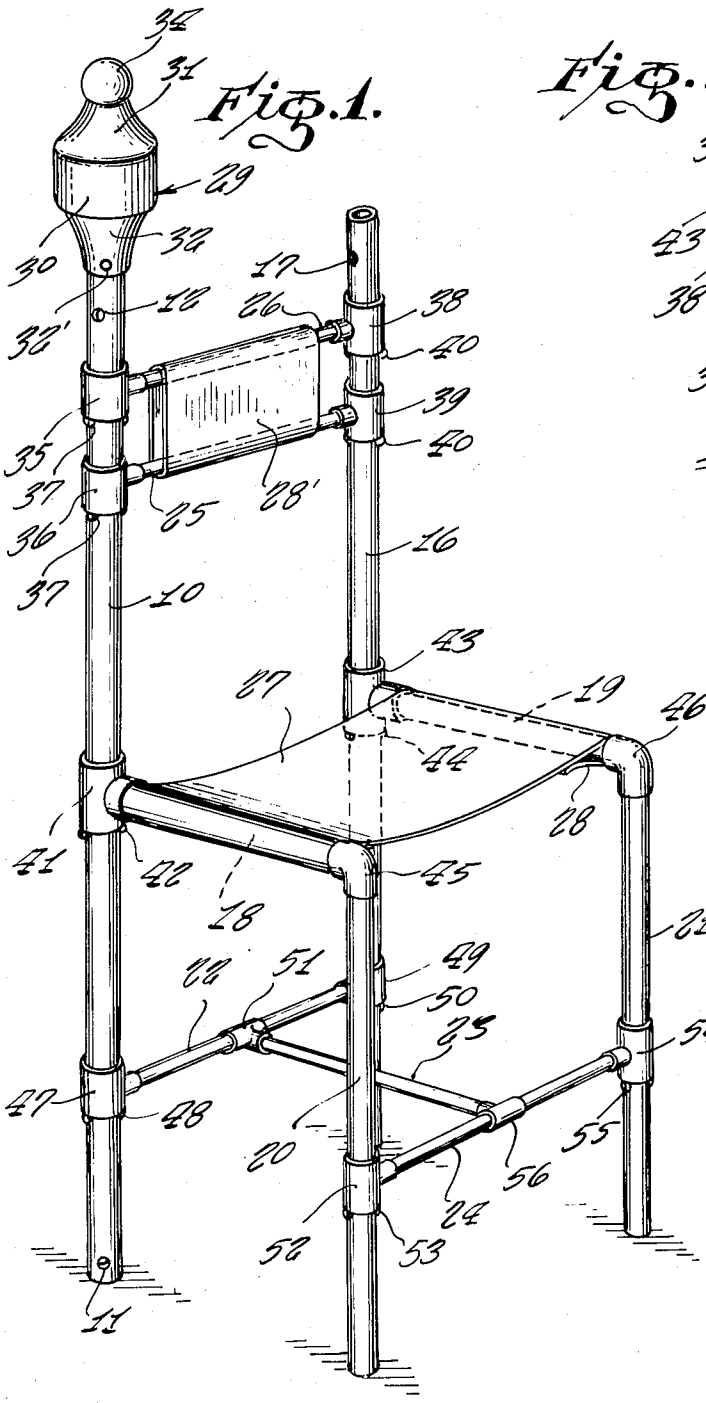
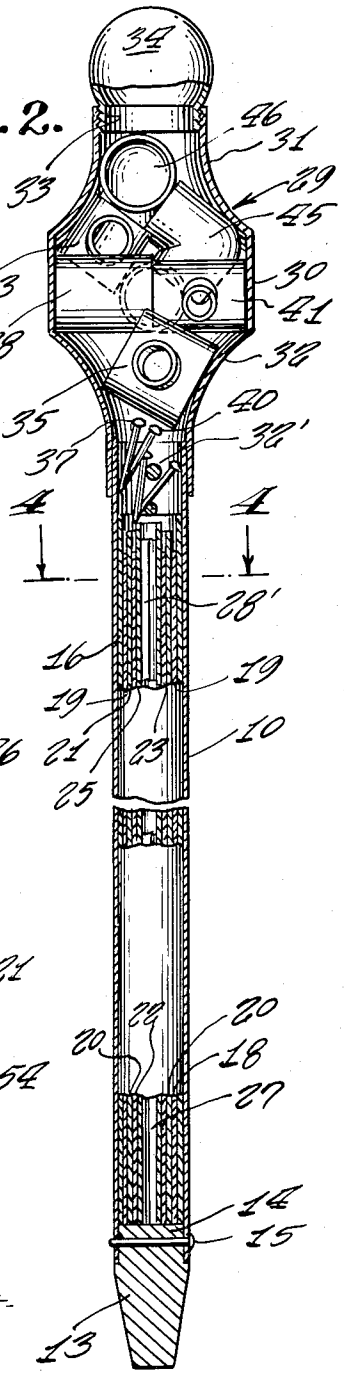


Fig. 2.



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Fig. 3.

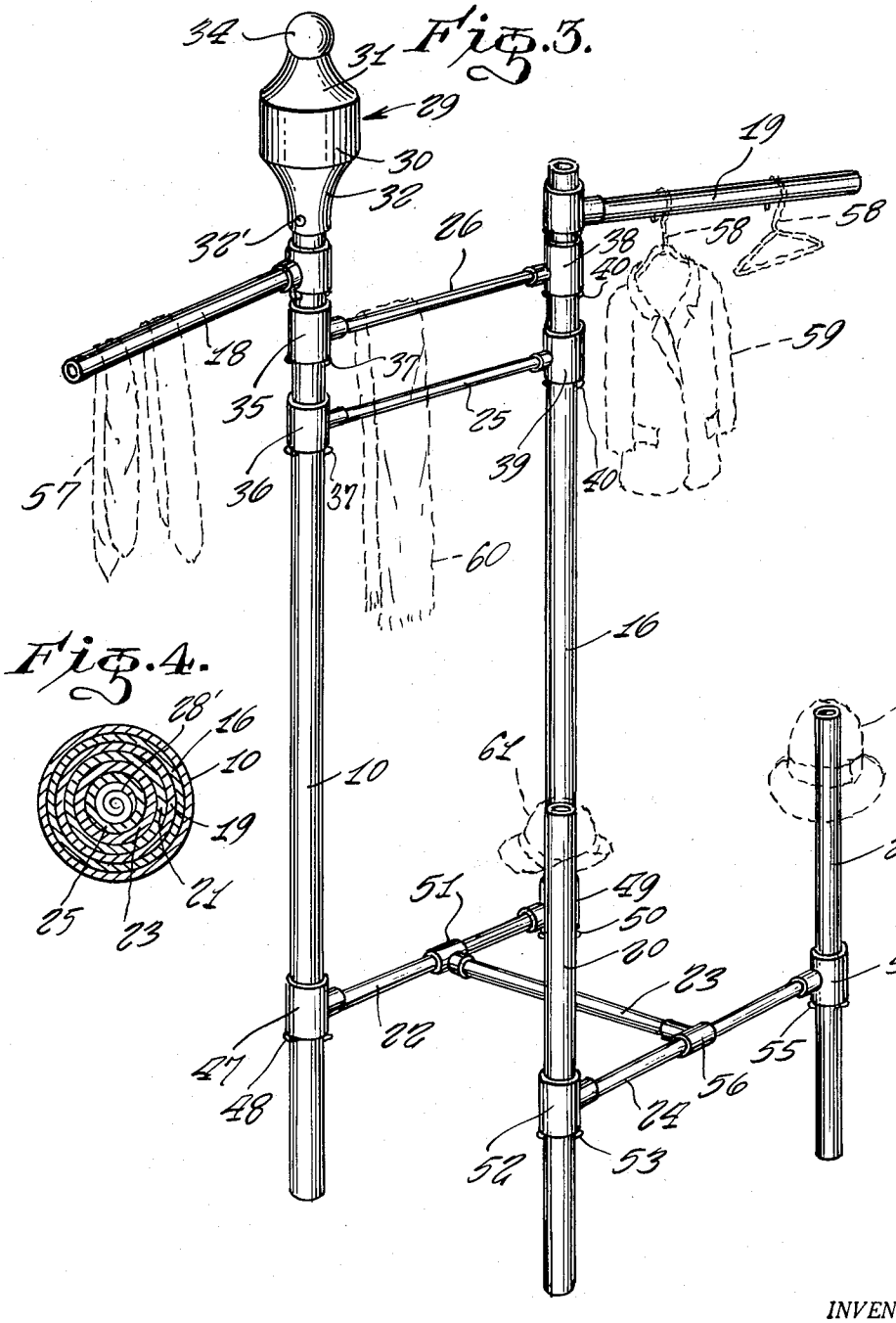


Fig. 4.

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COMBINATION WALKING CANE, CHAIR, AND CLOTHING TREE

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7 Claims. (Cl. 155—141)

This invention relates to walking canes.

It is an object of the present invention to provide a walking cane which may be easily and readily converted into either a chair or a tree for children's clothing.

It is another object of the present invention to provide a combination walking cane, chair and clothing tree which may be used by men, women and children, either indoors or outdoors and which can be stored in a relatively small place.

It is still another object of the present invention to provide a combination walking cane, chair and tree for children's clothing which is light and strong, can be carried to amusement areas and converted into a chair or maintained as a cane for appearance and support.

Other objects of the invention are to provide a combination walking cane, chair and tree for children's clothing which is simple in construction, has a minimum number of parts, is easy to manufacture and efficient in use.

For other objects and a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which:

Figure 1 is a perspective view of a preferred embodiment of the present invention shown in operative use as a chair;

Fig. 2 is a longitudinal sectional view thereof, showing the same in use as a walking cane;

Fig. 3 is a perspective view of the device showing the same in operative use as a tree for children's clothing; and

Fig. 4 is a transverse sectional view taken along the line 4—4 of Fig. 2.

Referring now more in detail to the drawing, the device includes a hollow tubular member **10** of aluminum provided at its lower end with a pair of oppositely disposed openings **11** and at its upper end with the three vertically spaced sets of oppositely disposed openings **12** for a purpose which will hereinafter become clear. A frusto-conical cane tip **13** is provided on a cylindrical shank adapted to fit within the lower end of the outer tubular member **10** (Fig. 2) being retained therein by a pin **15** which passes through the shank **14** and openings **11**. The tip also serves as a support for the contents of the tubular member **10**. A second tubular member **16** equal in height to the tubular member **10** but adapted to slide telescopically therewithin (Fig. 2) is provided at its upper end with the vertically spaced sets of oppositely disposed openings **17**, the lower end of the tubular member **16** resting on the tip **13**.

A pair of hollow tubular members **18** and **19** of aluminum are provided of equal length and are adapted to fit within the tubular member **16**, one above the other, as shown in Fig. 2.

A pair of tubular members **20** and **21** of aluminum of equal length are provided and are adapted to fit within the tubular members **18**, **19**, as shown in Fig. 2.

The three tubular members **22**, **23** and **24** are provided and are adapted to fit within the tubular members **20**, **21** as shown in Fig. 2.

A pair of tubular members **25** and **26** of equal length are provided and are adapted to fit within the tubular members **22**, **23** and **24**, as shown in Fig. 2.

A canvas or plastic seat **27** formed at its end with the tunnels **28** is rolled up and adapted to fit within the tubular members **26**, **25** along with a canvas or plastic endless member **28'**.

A hollow head indicated generally at **29** is provided and includes an enlarged central hollow cylindrical portion **30** integrally formed at its upper end with the inwardly and upwardly curved portion **31** and at its lower end with the inwardly and downwardly curved portion **32** adapted to fit onto the upper end of the tubular member **10**, being retained thereon by means of the transverse pin **32'**.

The upper end of the portion **31** is internally threaded and receives therewithin the externally threaded shank **33** of a hollow hemispherical knob **34**.

A first pair of T's **35** and **36** are provided and are adapted to slide onto the upper end of the tubular member **10**, being supported in the vertically spaced relationship shown by means of pins **37** passing through the openings **12**, that is the two lowermost sets. The T's **35** and **36** receive therewithin the ends of the tubular members **25** and **26** around which is positioned a back canvas **28'**, as shown in Fig. 1. A second pair of T's **38** and **39** are provided and are adapted to fit downwardly on to the upper ends of the tubular member **16**, being supported thereon in vertically spaced relationship by means of the pins **40** positioned within the two lowermost sets of the openings **17**, the T's **38** and **39** supporting the other ends of the transverse tubular members **25** and **26** when the device is employed as a chair.

The fifth T **41** is provided and is adapted to fit downwardly onto the tubular member **10** being supported in the position of Fig. 1 by means of a pin **42** passing through oppositely disposed openings provided in the tubular member **10**, the T **41** serving to mount the rear ends of the tubular member **18**. A sixth T **43** is adapted to slide downwardly onto the tubular member **16**, being supported in the position of Fig. 1 by means of a pin **44** which passes through oppositely disposed openings in the tubular member **16**, the T **43** being aligned laterally with the T **41** and supporting the rear end of the tubular member **19**.

A first elbow **45** is adapted to fit onto the forward end of the tubular member **18**, being adapted to receive therewithin the upper end of the tubular member **20**. A second elbow **46** is provided and is adapted to fit onto the forward end of the tubular member **19**, receiving upwardly therewithin the upper end of the tubular member **21**.

A T **47** is provided and is adapted to slide onto the lower end of the tubular member **10** being supported thereon by means of a pin **48** passing through oppositely disposed openings in the tubular member **10**, the T **47** receiving one end of the tubular member **22**. A T **49** fits onto the upper end of the tubular member **26**, being supported thereon by means of the pin **50** passing through oppositely disposed openings in the member **16**, the T **49** receiving the other end of the tubular member **22**. A T **51** fits onto the central portion of the tubular member **22** and receives therewithin the rear end of the tubular member **23**.

A T **52** fits onto the lower end of the tubular member **20**, being supported thereon by means of a pin **53** passing through oppositely disposed openings in the tubular member **20**, the T **52** supporting one end of the tubular member **24**. A T **54** fits onto the lower end of the tubular

member 21, being supported thereon by means of a pin 55 passing through oppositely disposed openings in the member 21, the T 54 supporting the other end of the tubular member 24. A T 56 fits onto the central portion of the tubular member 24 and serves to support the forward end of the tubular member 23 whereby to complete the assembly for the chair, as shown in Fig. 1.

By removing the respective pins and T's and elbows, the entire unit may be easily and readily disassembled into the compact structure of Fig. 2, in which the device will serve as an attractive walking cane. The T's 35, 36, 38, 39, 41, 43, 47, 49, 52, 54, 51 and 56 in such case will be retained within the hollow head member 29, as shown in Fig. 2, along with the pins associated therewith. These members will be retained within the head 29 by means of the cap or knob 34 screwed therein and upon removal of the knob 34 these members may be easily and readily removed.

Or, as shown in Fig. 3, after the device has been set up in the form of a chair as shown in Fig. 1, the pins 42, 44 and T's 41 and 43 may be removed from the central portions of the tubular members 10, 16 and inserted downwardly on the upper ends thereof to be again supported at the upper ends of the members by the pins 42, 44. In this case, the T's will be disposed so as to have their female portions extending outwardly into which are fitted the tubular members 18, 19 to serve as convenient branches for supporting thereon the ties 57 or hangers 58 containing children's garments 59. Upon removal of the canvas back 28' from the horizontal members 25, 26, the latter may serve to support thereon a muffler 60 or the like. Finally, the upper end of the tubular members 20, 21 may be used to support children's hats 61 and 62 thereon.

Thus, the device may be carried in a compact form as shown in Fig. 2 in the form of a walking cane. Upon reaching the destination, the same may be taken apart and assembled in the form of a chair as shown in Fig. 1 or alternately as a tree for children's clothes as shown in Fig. 2.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

What I claim as new and desire to protect by Letters Patent of the United States is:

1. A device of the class described comprising an elongated hollow tubular member, a second hollow elongated tubular member adapted to fit within said first tubular member, a tip removably mounted in the lower end of said first tubular member and adapted to support the lower end of said second tubular member when the same is telescoped within said first tubular member, third and fourth hollow tubular members adapted to fit within said second tubular member, said third and fourth tubular members being of substantially equal length and adapted to be entirely received within said second tubular member when placed end to end, fifth and sixth hollow elongated tubular members adapted to fit within said third and fourth tubular members, said fifth and sixth members being of substantially equal length, separable tubular brace members adapted to fit within said fifth and sixth tubular members, and second tubular brace members adapted to fit within said first tubular brace members, a plurality of teeth adapted to connect said third and fourth tubular members to said first and second tubular members intermediate their ends, a pair of elbows adapted to

connect the forward ends of said third and fourth tubular members to said fifth and sixth tubular members, a plurality of T's adapted to connect said tubular brace means together and to said first and second and fifth and sixth tubular members, and second tubular brace T's adapted to connect said second tubular braces to said first and second tubular members, and hollow head means contained at the end of said first tubular member adapted to contain therewithin said T's and elbows when not in use and flexible members adapted to connect said third and fourth tubular members to provide a seat and said tubular brace means to provide a back, said flexible members being rolled up and adapted to fit within said second tubular brace members whereby to permit the device to serve as either a cane, a chair or a tree for children's clothes.

2. A device according to claim 1, said first, second and fifth and sixth tubular members having oppositely disposed openings and pin means within said oppositely disposed openings adapted to support said T's thereon in a removable manner.

3. A device according to claim 2, said hollow head member comprising a hollow cylindrical central portion, an upper and inwardly curved upper portion and an inwardly and downwardly curved lower portion adapted to fit onto the upper end of said first tubular member and pin means piercing the lower end of said inwardly and downwardly curved member and first tubular member, said upper inwardly curved member being internally threaded, and a hollow spherical knob having an externally threaded shank adapted to be screwed into said internally threaded upper portion.

4. A device according to claim 3, said first tubular brace means comprising three separable tubular elements adapted to fit within said fifth and sixth tubular elements in end to end relationship, the opposite ends of two of said tubular elements being supported in T's mounted on said first and second, fifth and sixth tubular members, the opposite ends of the other of said tubular elements being supported in T's disposed centrally on said first two elements.

5. A device according to claim 4, said second tubular brace means comprising a pair of tubular elements adapted to fit within said first tubular elements, brace means, the opposite ends of said last mentioned tubular elements being received within T's supported on said first and second tubular members in vertically spaced relationship.

6. A device according to claim 5, said flexible seat means comprising a rectangular length of flexible material formed with tunnels at opposite ends adapted to receive therethrough said third and fourth tubular members.

7. A device according to claim 6, said back flexible means comprising an endless flexible member adapted to be stretched across said second tubular brace means whereby to form a back for a chair.

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