Jan. 30, 1962 R. F. DAVIS 3,018,932

GARMENT TRIMMER

Filed Aug. 10, 1960

2 Sheets-Sheet 1

Fig. 1.

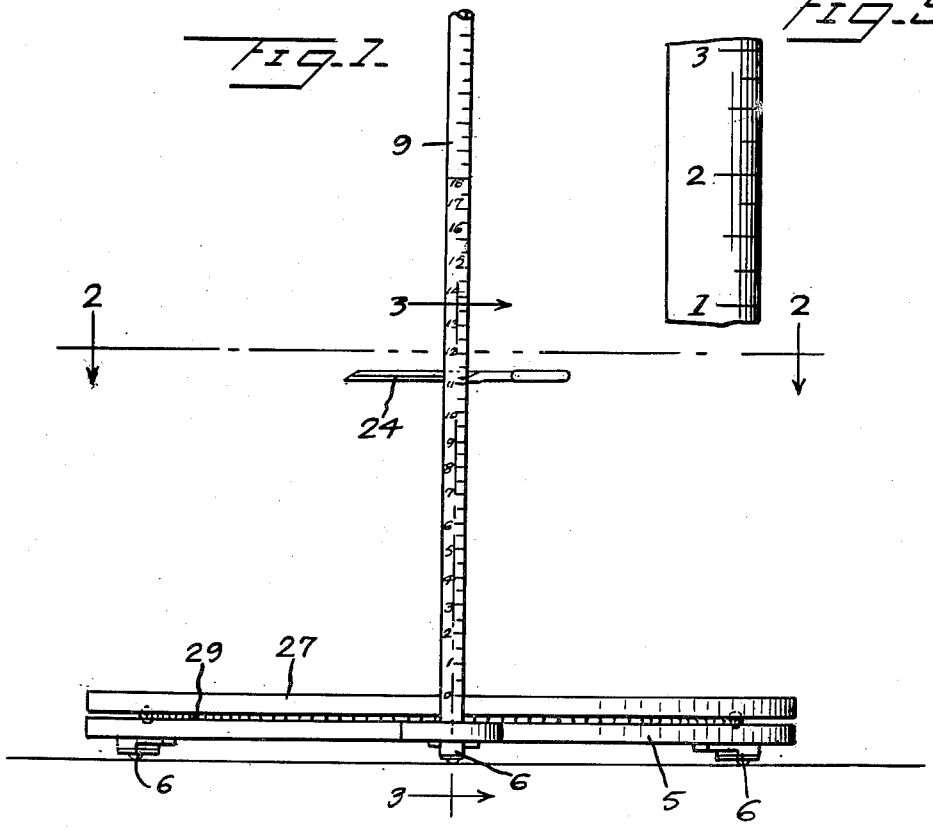


Fig. 5.

Fig. 6.

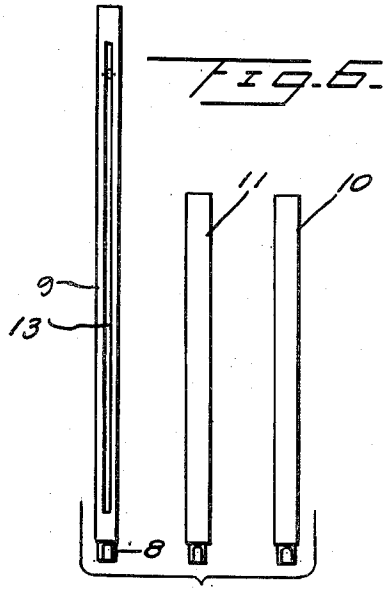


Fig. 7.

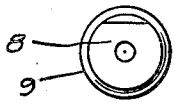
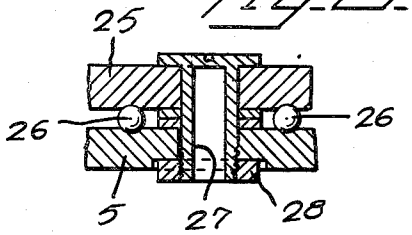


Fig. 8.



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Jan. 30, 1962 R. F. DAVIS 3,018,932

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Filed Aug. 10, 1960 2 Sheets-Sheet 2

Fig. 2.

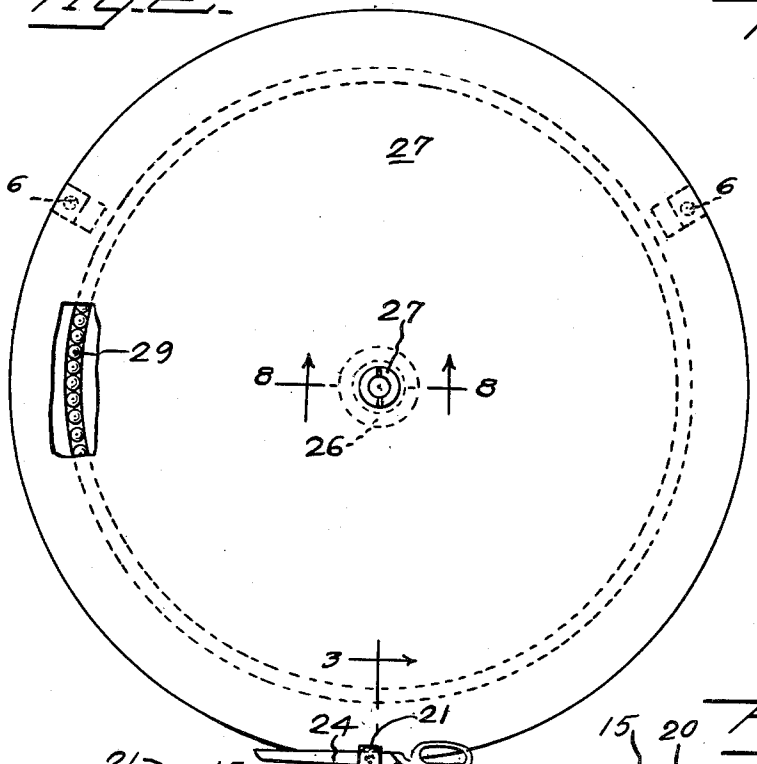


Fig. 10.

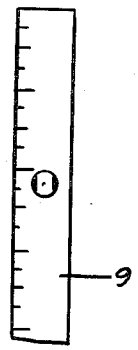


Fig. 4.

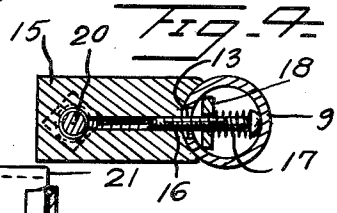


Fig. 5.

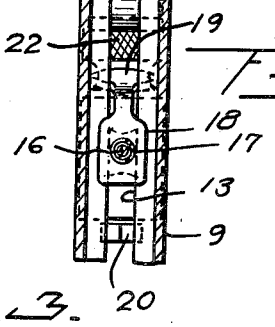


Fig. 3.

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3,018,932

GARMENT TRIMMER

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Filed Aug. 10, 1960, Ser. No. 48,777
1 Claim. (Cl. 223—1.1)

This invention relates to a device designed for use in trimming skirts, dresses, gowns, robes, coats or the like, in providing a garment with a uniform length throughout its circumference, insuring the proper hanging and fit of the garment.

An important object of the invention is to provide a device of this character embodying separable graduated columns removably mounted on a circular stationary base, on which a circular revolvable platform is mounted and on which the person wearing the skirt to be trimmed, stands, while the skirt is being trimmed for length.

A further object of the invention is to provide a clamp for clamping scissors used in trimming the skirt or other garment, the clamp being so constructed and arranged that it may be readily and easily adjusted on the vertical column, and clamped in such adjusted position against accidental displacement.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combination of parts hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawings:

FIGURE 1 is an elevational view of a device constructed in accordance with the invention.

FIG. 2 is a sectional view taken on line 2—2 of FIG. 1.

FIG. 3 is a sectional view taken on line 3—3 of FIG. 1.

FIG. 4 is a sectional view taken on line 4—4 of FIG. 3.

FIG. 5 is a sectional view taken on line 5—5 of FIG. 4.

FIG. 6 is a disassembled view of the sectional standard or column to which the scissors are secured.

FIG. 7 is an end elevational view of one of the sections of the column or standard.

FIG. 8 is a sectional view taken on line 8—8 of FIG. 2.

FIG. 9 is a fragmental elevational view of the lower section of the column or standard.

FIGURE 10 is a fragmentary detail view of the lower tubular section.

Referring to the drawings in detail, the device embodies a circular base indicated generally by the reference character 5, the base 5 being supported by ball bearings 6 so that the base may be readily shifted from place to place.

Extending laterally from the circular base 5 is an ear 7 which is formed with an opening to receive the extension 8 of the lower tubular section 9 of the column or standard.

The column or standard also includes an upper section 10 and an intermediate section 11, the sections being so arranged that the intermediate section may be positioned with one end thereof extended into the upper end of the lower tubular section, while the upper section has one of its ends reduced to be positioned within the upper end of the intermediate section, extending the vertical column or standard to various heights.

Graduations are provided on the sections of the column or standard for the purpose of adjusting a scissors-supporting bracket on the column or standard for trimming garments of various lengths, to meet various requirements and to insure an accurate trimming of the garment throughout its entire circumference.

In order that the lowermost section may be securely

held in place, the extension 8 is formed with a threaded opening which receives the screw 12 that extends through an opening in the base, as better shown by FIG. 3 of the drawings.

The tubular column is provided with an elongated opening or slot 13 disposed longitudinally thereof, which slot accommodates a lug 14 formed on the inner end of the scissors-supporting bracket 15, the inner end of the bracket 15 being curved to fit the curvature of the lower tubular section 9, as better shown by FIG. 4 of the drawings.

The bracket 15 is formed with a threaded opening in which the headed bolt 16 extends, the headed bolt being disposed within the lower tubular section 9 so that the head thereof contracts the inner surface of the section 9. A coiled spring 17 has one of its ends contacting the head of the bolt 16, while the opposite end thereof bears against a lever 18, which is formed with an opening through which siad bolt 16 extends, leaving the lever free to partially pivot on the bolt, the opening of the lever in which the bolt is positioned being slightly larger than the diameter of the bolt to permit of rocking movement of the lever 18.

As shown by FIG. 3 of the drawings, one end of the lever 18 is flattened and provides a finger piece 19 whereby movement of the lever may be effected to tilt the bracket 15 to allow the bracket 15 to be moved longitudinally of the slot 13 in order to adjust the scissors-supporting bracket to the desired height for trimming a skirt or other garment.

The reference character 20 indicates a vertical bolt which extends through a threaded opening in the U-shaped clamp 21 which rests on the spacer 22 that forms a part of the scissors bracket.

As shown, the vertical bolt 20 extends through the U-shaped clamp 21 and contacts with the pivot screw 23 of the scissors 24 securely clamping the scissors to the scissors bracket, but allowing the scissors to be operated in making the cut or trimming.

The reference character 25 indicates a rotatable platform which is mounted on the base 5 by means of bolt 27 having a nut 28 on its threaded end as better shown by FIG. 8 of the drawings, the rotary platform operating on the ball bearings 26 and 29 which are arranged in grooves in the confronting faces of the base and rotatable platform 25.

In operation, the person whose skirt is to be trimmed, stands on the platform 25, the scissors-supporting bracket having been adjusted longitudinally of the column or standard section 9 to the desired position for trimming the garment to the desired length.

The person trimming the skirt operates the scissors 24 cutting the skirt in trimming the same, as the rotary platform is rotated to move the dress, to the end that the skirt may be trimmed so that the lower edge will be the desired distance from the floor. Of course it will be understood that the scissors are inserted into the material and the skirt is cut upward to the proper height, the scissors then being inserted, and operated while the platform is rotated.

Having thus described the invention, what is claimed is:

A skirt trimming device comprising a stationary base, a circular rotatable platform mounted on said base on which the person wearing the skirt to be shortened stands, said base and said platform having aligned annular grooves therein, an annular ring of ball bearings in said aligned grooves, a vertical hollow graduated standard having a slot disposed longitudinally thereof, an adjustable scissors bracket embodying a shank having a curved end fitted against said standard, a lug extending from said curved end of said shank fitted in said slot, a headed bolt secured to said shank, extending through said slot,

the head thereof contacting the inner surface of said tubular standard, a lever having one end thereof pivotally mounted on said bolt within said hollow standard, the other end of said lever extending laterally through said slot in contact with said shank, a coiled spring disposed between said head and lever normally biasing said lever against said shank, normally holding said scissors bracket in its positions of adjustment along said standard, and a clamp mounted on said shank in line with the periphery of said platform for clamping scissors in position for trimming a skirt worn by a person standing on said platform, said scissors clamp embodying a horizontal U-shaped

member in which the scissors are held, and a threaded bolt extending upwardly through said shank and scissors clamp, securing said scissors in said U-shaped scissors clamp at the pivot point thereof.

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