This invention relates to certain novel improvements in combination trouser creasers and shapers and has for its principal object the provision of an improved construction of this character which will be highly efficient in use and economical in manufacture.

Trouser creasers with which I am familiar prior to my invention are especially designed for defining creases in the trousers and to accomplish this there is ordinarily provided two oppositely disposed creasing members substantially flat in plan view. These creasing members are forced into proper position and due to their narrow edges they define the creasing lines. When these two creasing members are removed from creasing position it will be found that the material of the trouser marginally disposed along the creasing line is not of the proper shape and that when the trousers are worn the marginal portions of the material adjacent the creasing line will have lateral profusion effect from the limbs of the wearer. It is therefore one of the many objects of my invention to not only provide a device which effectively crease the trousers but which will with as great efficiency shape the trousers so that there will be no noticeable lateral protuberances on opposite longitudinal sides of the creasing lines. By this accomplishment it will be manifest that the crease line will be defined in a longer duration inasmuch as the trousers are not only creased but shaped so that when the trousers are worn the longitudinal marginal material adjacent the crease lines will have the proper shape for position upon the limb portions.

A still further object of the invention is to provide a combination trouser creaser and shaper which will be compact when not in creasing and shaping position.

A still further object of the invention is to provide a combination trouser creaser and shaper which may be expeditiously suspended from a stationary support when in creasing and shaping position.

A still further object of the invention is to provide a novel combination and arrangement of parts for expeditiously adjusting the creasing elements into creasing and shaping position within the trouser legs.

A still further object of the invention is to provide a simple combination and arrangement of parts for effectively attaching the trousers to the creasing elements.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings, showing the preferred form of construction and in which:

Fig. 1 is a typical side elevational view of the invention;
Fig. 2 is a longitudinal sectional detailed view of the invention taken substantially on line 2—2 of Fig. 1;
Fig. 3 is a sectional detailed view taken substantially on line 3—3 of Fig. 1;
Fig. 4 is a fragmentary sectional detailed view taken substantially on line 4—4 of Fig. 1; and
Fig. 5 is a typical side elevational view of the invention similar to the illustration in Fig. 1 showing the invention in collapsed position.

To accomplish the several objects of the invention I provide a combination trouser creaser and shaper which includes a supporting member 10. This supporting member 10 is preferably formed from a flat strip of material and is bent substantially U shaped to provide opposite limb portions 11.

The bight portion 12 has secured centrally thereto a hook shaped element 13. This hook 13 is adapted for hooked engagement with a stationary support 14' for suspending the invention when in operative position.

The lower end portions of the limb portions 11 have formed therein aligned openings 14 which are equally spaced apart. The intermediate portions of the limb portions 11 have formed therein longitudinal slots 15. Corresponding edge portions of these slots 15 have formed therein semi-circular openings 16 which are equally spaced apart.

The pressing and shaping elements are indicated generally at 17. These elements 17
are each formed from a sheet of material which is bent substantially V-shaped in cross section to provide opposite divergent side wall portions 18. Extending into the interior of these elements 17 are end portions 19 of connecting links 20. These end portions 19 are connected within the elements 17 through the medium of pintles 21. The outer end portions of the connecting links have formed therein a plurality of openings 22 which are equally spaced apart. The connecting links are arranged in pairs and are adapted to have their outer end portions disposed in overlapping relation with respect to each other. The openings of the links of the lower pair are adapted to selectively register with respect to each other and with respect to the openings 14 and in such registration of the openings the links are secured to the limb portions 11 through the medium of nut receiving bolts 23. The openings of the links of the upper pair are likewise adapted to be disposed selectively in registration with respect to each other and in registration with the semi-circular openings 16 and when in such registration the links of this upper pair are secured to the limb portions through the medium of nut receiving bolts 24.

To adjust the lower end portions of the elements 17 relative to the supporting member 10 the nut receiving bolt 23 is removed and the link members of the lower pair of links adjusted to dispose the openings in proper registration for proper adjustment of the lower end portions of the elements 17 and after this has been accomplished the nut receiving bolt is again reset in place. To adjust the upper portions of the elements 17 the nut of the nut receiving bolt 24 is slightly unthreaded to permit the shank of this bolt to be moved within the slot 15 to dispose the shank in a proper semi-circular opening 16 for properly adjusting the upper end portions of the elements 17. After this has been accomplished the nut of the bolt 24 is again tightened to effectively hold the upper end portions of the elements 17 in proper position.

It is the ordinary practice for a tailor to crease the trousers with the front creases of a longer length than the rear creases and to accomplish this same result I preferably form creasing elements 17 of a longer length than the other opposite creasing elements 17.

To more securely hold the trousers from sagging when the invention is inserted in the trouser legs I provide simple clip structures indicated generally at 25. Each of these clip structures includes a clip 26 which has an upper end portion 27 bent back upon itself with a slightly outwardly curved end portion 28. The inner portion 30 of this clip has a longitudinal slot 31 formed therein for the passage of a nut receiving bolt 32 which slidably connects the clip to its respective element.

17. When the trouser legs are properly positioned upon the elements 17 the cuffs of the trousers will be disposed slightly inwardly of the upper end portions of the elements 17 and when in such position the clips are moved to clip the cuffs to the limb portions whereby to prevent sagging of the trouser legs by weight of the trouser material.

By forming the elements 17 substantially V-shaped in cross section it will be seen that there is sufficient edge portion, indicated at 21' to define the crease and by reason of the outwardly flaring of the side walls 18 the material marginally of the crease will not be of flat position but rather will be defined in proper shape to fit over the limb of the wearer.

By the novel connection between the creasing and shaping elements 17 and the supporting member 10 it will be manifest that the creasing and shaping elements may be expeditiously collapsed.

It will also be seen that by forming the supporting means substantially U shaped the trousers may be suspended from a stationary support by a common hook element.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification, without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having thus described my invention what I claim as new and desire to protect by Letters Patent is:

In a trouser creaser, a substantially U-shaped supporting member having slots formed in the limb portions thereof, said limb portions having a plurality of aligned openings therein adjacent the lower ends thereof, substantially V-shaped creasing members, links for connecting said creasing members to said supporting member adapted to be disposed in cooperating pairs, means for connecting certain of said pairs of links to said supporting member including portions adapted to be selectively inserted into said openings in said limb portions, and means for connecting the other of said pairs of links to said supporting member including portions adapted to extend through said slots, and teeth formed in said slots adapted to selectively engage and retain said portions disposed in said slots.

In testimony whereof I affix my signature.

GEORGE PREBENSON.