The present invention relates to certain new and useful improvements in a strap-type carrying handle for a storage battery and has more particular reference to a simple suitably fabricated flexible strap and novelty constructed means for readily and separately buckling the ends of the strap to the usual truncated conical terminal posts on the battery case.

As the introductory statement implies, carrier straps having various kinds of buckling and clamping facilities are old and well-known. Prior art constructions in this line of endeavor differ primarily in respect to the ways and means whereby the ends of the strap are buckled or otherwise joined to the stated terminal posts. It is obvious, therefore, that the instant invention has to do with buckling means which is thought to be structurally distinct, which is simpler to apply and remove and which affords a positive and reliable connection between the strap-ends and their coating posts. More particularly, the invention has to do with a strap having duplicate buckling means at its respective ends wherein the means at each end is characterized by a cleat which is hingedly joined at one end to the coating end of the strap and which has a portion which is adapted to rest firmly and flatly on the upper edge of the post. This cleat is provided with a clamping plate which, when it is applied, assumes a familiar friction held oblique-angled position, said plate having post encircling means at one end and having its opposite end slotted and slidably and rockably joined to the intermediate portion of the cleat.

It is also a more general object of the invention to structurally, functionally and otherwise improve upon similarly constructed prior art battery carrying straps by equipping each end of the strap with the above described means in which manufacturers, retailers, service men and others will find their respective requirements and needs fully met and effectually available.

Other objects and advantages will become more readily apparent from the following description and the accompanying sheet of illustrative drawings.

In the accompanying sheet of drawings wherein like numerals are employed to designate like parts throughout the views:

Figure 1 is a top plan view of a battery carrier strap constructed in accordance with the principles of the present invention.

Figure 2 is an edge elevational view of the same showing the manner in which the parts are interrelated and also clampingly engaged with the usual terminal posts on the storage battery case.

Figure 3 is a section taken approximately on the plane of the line 3—3 of Figure 1 with the terminal posts included in elevation.

Figure 4 is a perspective view of the strap buckling or attaching means, both units of the stated means being shown on an enlarged scale.

Referring now to the drawings and with reference to Figure 2, the storage battery is denoted by the numeral 6 and includes, among other features, the customary truncated-conical terminal posts 8, the portions of the battery to which the carrying strap is applied. The carrying strap itself is of any suitable fabrication and form and is denoted by the numeral 10. It is provided with somewhat conventional clevis-like clips 12—12 which are riveted or otherwise secured to the terminal ends of the strap. The fastening or so-called buckling means for each end of the strap is the same and the description of one will suffice for both. The aforementioned cleat is a substantially flat metal or equivalent plate which has a shank portion 14 with an off-set end portion 16 having a slot 18. This slotted portion is joined with the adjacent clip 12 to provide the desired hinge connection between the shank and strap. The free end of the cleat is provided with an enlarged end thrust head 22 which is such that it rests firmly and flatly on the upper end of the post 8 in the manner shown in the drawings. The complementary load applied tilt-type clamping plate is denoted by the numeral 24. This has an end portion 26 with a slot 28 which slotted portion is slidably and rockably engaged with the shank 14 and which is held against displacement at one end by the head 22 and at the opposite end by the clip means 12. This plate is also provided at one end with a circular opening 30 which is of a diameter to embrace the post and to assume the desired oblique-angle clamping position shown in Figure 3.

It is obvious that by bringing the carrying strap into position in the manner shown in the drawings in Figure 2, by engaging the apertured free end portions of the clamping plates with the posts and by properly angling the cleat in respect to the plate and seating the cleat firmly on the post the so-called buckle or "buckling means" 32 applies itself and affords the desired friction held relationship between the strap-ends and terminal posts.

The obvious use of the construction, relationship and operation on the coating parts and the utter simplicity of the over-all construction supports the belief that a suitably studied considera-
tion of the drawings in conjunction with the description will unquestionably acquaint the reader with the significance of the invention and the meritorious and distinct aspects of the same.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in the shape, size and arrangement of details coming within the field of invention claimed may be resorted to in actual practice, if desired.

Having described the invention, what is claimed as new is:

A storage battery carrier which is separably connectable with the storage battery case by way of the usual terminal posts comprising a strap having clip means rigidly secured to one end thereof, a substantially rigid cleat embodying head and shank portions, said head being flat and imperforate and of a size to rest flatwise atop the upper flat end of the post on which it is brought to bear, said shank portion being reduced in width and providing shoulders at its point of junctural connection with said head and terminating at one end in a laterally deflected and slotted portion, the latter being hingedly connected with said clip means, a flat clamping plate having a slotted portion slidably and hingedly joined to said shank between the shoulders and clip means, said plate having an end portion extendable to a position beyond said head and said end portion having a circular hole therein adapted to embrace a coacting terminal post.

ROBERT STEVENS.
KENNETH D. STEVENS.

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