This invention relates to an adjustable drum extension for hogsheads. In packing tobacco in hogsheads, in order to get the required amount in the hogshead, it is necessary to employ an additional drum extended from one end of the hogshead to provide for the desired capacity. While all hogsheads are supposed to be of the same dimensions, yet on account of the fact that the lumber is not always the same size the top of the hogsheads will vary. The method now employed to increase the capacity of the hogshead is to extend into the top of the latter a drum made of wood, but due to the fact that the hogsheads are not all exactly the same size, the extension drum would be either too large or too small and in either instance when the tobacco was pressed out of the drum into the hogsheads it was not as smooth and uniform as it should be.

It is the object of the invention to provide, in a manner as hereinafter set forth, an adjustable drum extension for hogsheads so constructed and arranged whereby it can be adjusted to fit different sizes of tops of hogsheads and further so arranged that when the tobacco is pressed out of the drum into the hogsheads it will be smooth and uniform as it should be.

Further objects of the invention are to provide, in a manner as hereinafter set forth, an extension drum attachment for the purpose referred to which is simple in its construction and arrangement, strong, durable, compact, thoroughly efficient in its use, conveniently adjusted, including means for maintaining it in its adjusted position, readily assembled, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:

Figure 1 is a front elevation of an extension drum attachment in accordance with this invention and showing the adaptation thereof with respect to the top of a hogshead, the latter being shown fragmentary and in section.

Figure 2 is a view similar to Figure 1 but with the attachment adjusted to fit a hogshead of reduced size.

Figure 3 is a section on line 3—3 Figure 1. Figure 4 is a sectional detail on line 4—4 Figure 1.

Figure 5 is a perspective view of the adjusting element for the sections of the body of the attachment.

An adjustable extension drum in accordance with this invention comprises a split tubular body portion 1 of the desired normal inner and outer diameter and formed of any suitable material, preferably sheet metal. The end portions 2, 3 of the body of material from which the body portion 1 is formed overlap each other. See Figure 3.

The outer end of the body portion 1 is surrounded by and secured to a flanged annulus 4 by the holdfast devices 5. The flange of the annulus 4 is indicated at 6 and is outwardly directed. Preferably the outer end edge of body portion 1 is flush with the flange 6. The front of body portion 1 is provided with a pair of spaced handle members 7, 8 and the back of body portion 1 is also provided with a pair of spaced handle members indicated at 7', 8'. The handle members preferably are disposed lengthwise with respect to the body portion 1 and holdfast devices 9 are employed for fixedly securing said handle members to the body portion 1.

Secured to the outer periphery of the body portion 1, in proximity to the bottom edge of the latter, but spaced a substantial distance thereabove is a pair of semi-circular, oppositely disposed, spaced supporting members 10. Holdfast devices 11 are employed for securing the supporting members 10 to the body portion 1. Each support includes a vertically disposed leg 12 and an outwardly directed, horizontal leg 13 which extends.
from the lower end of the leg 12. The supports 10 are provided for mounting the body portion 1 upon the top of the hoghead 14 and when so positioned that part of the body portion 1 below the supports 10 will extend into the hoghead 14. See Figures 1 and 2.

Secured to the outer face of the body portion 1, in proximity to the ends thereof is a pair of spaced supports 15, 16. Pivoted mounted in each keeper and in the body portion 1 in a manner as shown in Figure 4 is a block 17 formed with an opening 18 having a threaded wall and further provided with a pair of oppositely disposed pintsles 19, 20, the former being pivotally mounted in the keeper and the latter in the body portion 1.

Each keeper is in the form of a yoke provided with oppositely extending flanges 21 through which holdfast devices for fixedly securing the keeper to the body portion 1. The threads on the block 17 carried by the keeper 15 are oppositely disposed with respect to the threads on the block 17 carried by the keeper 16.

Threadedly engaging with the blocks 17 is a combined adjusting and retaining element 23 for the body portion 1. The element 23 is provided with right and left threads 24, 25, the former engaging with the block 17 carried by the keeper 15 and the latter with the block 17 carried by the keeper 16.

When the element 23 is rotated in one direction, the split ends of the body portion will assume the position shown in Figure 2 whereby the lower part of the body portion 1 will be reduced so that it can be arranged to extend into the hoghead indicated at 26 in Figure 2. When the body portion 1 is in normal or non-adjusted position it will be as shown in Figure 1 and the lower portion thereof will extend into the hoghead 14. The supports 10, when the body portion 1 is extended into a hoghead, seat on the top edge of the hoghead body and the reinforcing hoop 27 at the top thereof. See Figures 1 and 2. The body portion 1 is open at its outer and inner ends.

It is thought the many advantages of an extension drum in accordance with this invention for the purpose set forth will be readily understood and although the preferred embodiment of the invention is as illustrated and described, yet it is to be understood that changes in the details of construction can be had which fall within the scope of the invention as claimed.

What we claim is:

1. An adjustable extension drum for hogheads comprising an overlapping, split tubular body, a narrow annulus encompassing said body and secured to the outer end thereof, a pair of spaced supports secured to the periphery of said body in proximity to the inner end thereof, and means carried by said body between said supports and annulus for adjusting the size of said body at its inner end.

2. An adjustable extension drum for hogheads comprising an overlapping, split tubular body, a narrow annulus encompassing and secured to the outer end thereof, a pair of spaced supports secured to the periphery of said body in proximity to the inner end thereof, means carried by said body between said supports and annulus for adjusting the size of said body at its inner end, and handle members carried by said body at the front and back thereof.

3. An adjustable extension drum for hogheads comprising an overlapping, split tubular body, a narrow annulus encompassing and secured to the outer end thereof, a pair of spaced supports secured to the periphery of said body in proximity to the inner end thereof, means carried by said body between said supports and annulus for adjusting the size of said body at its inner end, said supports being oppositely disposed and of semi-circular form.

4. An adjustable extension drum for hogheads comprising an overlapping, split tubular body, a narrow annulus encompassing and secured to the outer end thereof, a pair of spaced supports secured to the periphery of said body in proximity to the inner end thereof, means carried by said body between said supports and annulus for adjusting the size of said body at its inner end, handle members carried by said body at the front and back thereof, said supports being oppositely disposed and of semi-circular form.

5. An adjustable extension drum for hogheads comprising a split, overlapping adjustable tubular body, spaced supports carried thereby in proximity to the lower end thereof, and rotatable means threadedly engaging with said body for adjusting the split ends of the latter relatively to each other to vary the size of the inner portion of the body and maintaining it in adjusted position.

6. An adjustable extension drum for hogheads comprising an adjustable, split tubular, overlapping body, an annulus encompassing and secured to the outer end of said body, spaced supports on the outer periphery of said body, in proximity to the inner end of the latter, and rotatable means threadedly engaging with said body for adjusting the size of the inner portion of said body and for maintaining it in adjusted position.

7. An adjustable extension drum for hogheads comprising an adjustable, split, tubular, overlapping body, an annulus encompassing and secured to the outer end of said body, spaced supports on the outer periphery of said body, in proximity to the inner end of the latter, a pair of spaced supports secured to the periphery of said body in proximity to said supports, and rotatable means threadedly engaging with said elements for
adjusting the size of the inner portion of said body and for maintaining said inner portion in adjusted position.

8. An adjustable extension drum for hogsheads comprising an adjustable, split, tubular, overlapping body, an annulus encompassing and secured to the outer end of said body, spaced supports on the outer periphery of said body, in proximity to the inner end of the latter, a pair of threaded elements pivotally supported from said body in proximity to said supports, and rotatable means threadedly engaging with said elements for adjusting the size of the inner portion of said body and for maintaining said inner portion in adjusted position, said elements interposed between said supports and said annulus and each spaced from the split end of said body.

9. An adjustable extension drum for hogsheads comprising an adjustable, split, tubular, overlapping body, an annulus encompassing and secured to the outer end of said body, spaced supports on the outer periphery of said body, in proximity to the inner end of the latter, a pair of threaded elements pivotally supported from said body in proximity to said supports, and rotatable means threadedly engaging with said elements for adjusting the size of the inner portion of said body and for maintaining said inner portion in adjusted position, said supports being of semi-circular contour and oppositely disposed with respect to each other, and each having an end thereof spaced from the split end of said body.

10. An adjustable extension drum for hogsheads comprising an adjustable, split, tubular, overlapping body, an annulus encompassing and secured to the outer end of said body, spaced supports on the outer periphery of said body, in proximity to the inner end of the latter, a pair of threaded elements pivotally supported from said body in proximity to said supports, rotatable means threadedly engaging with said elements for adjusting the size of the inner portion of said body and for maintaining said inner portion in adjusted position, said elements interposed between said supports and said annulus and each spaced from the split end of said body, said supports being of semi-circular contour and oppositely disposed with respect to each other, and each having an end thereof spaced from the split end of said body.

11. An adjustable extension drum for hogsheads comprising a split, tubular, overlapping adjustable body, supporting means for the body in proximity to its inner end, an annulus encompassing and secured to the outer end of said body, and means carried by said body and extending across the overlapping parts thereof for varying the size of the inner portion of said body, and for maintaining said inner portion in its adjusted position.

12. An adjustable extension drum for hogsheads comprising a split, tubular, overlapping, adjustable body, supporting means for the body in proximity to its inner end, an annulus encompassing and secured to the outer end of said body, a pair of spaced, threaded pivotally supported from said body, and rotatable means threadedly engaging in said elements for varying the size of the inner portion of said body and for maintaining said inner portion in its adjusted position.

In testimony whereof, we affix our signatures hereto.

JOSEPH HUBBARD SAUNDERS
HUGH ANSEL WILLIFORD.