

No. 793,634.

PATENTED JULY 4, 1905.

H. J. BENDEROTH.  
HAY CAP.

APPLICATION FILED DEC. 9, 1904.

Fig. 1.

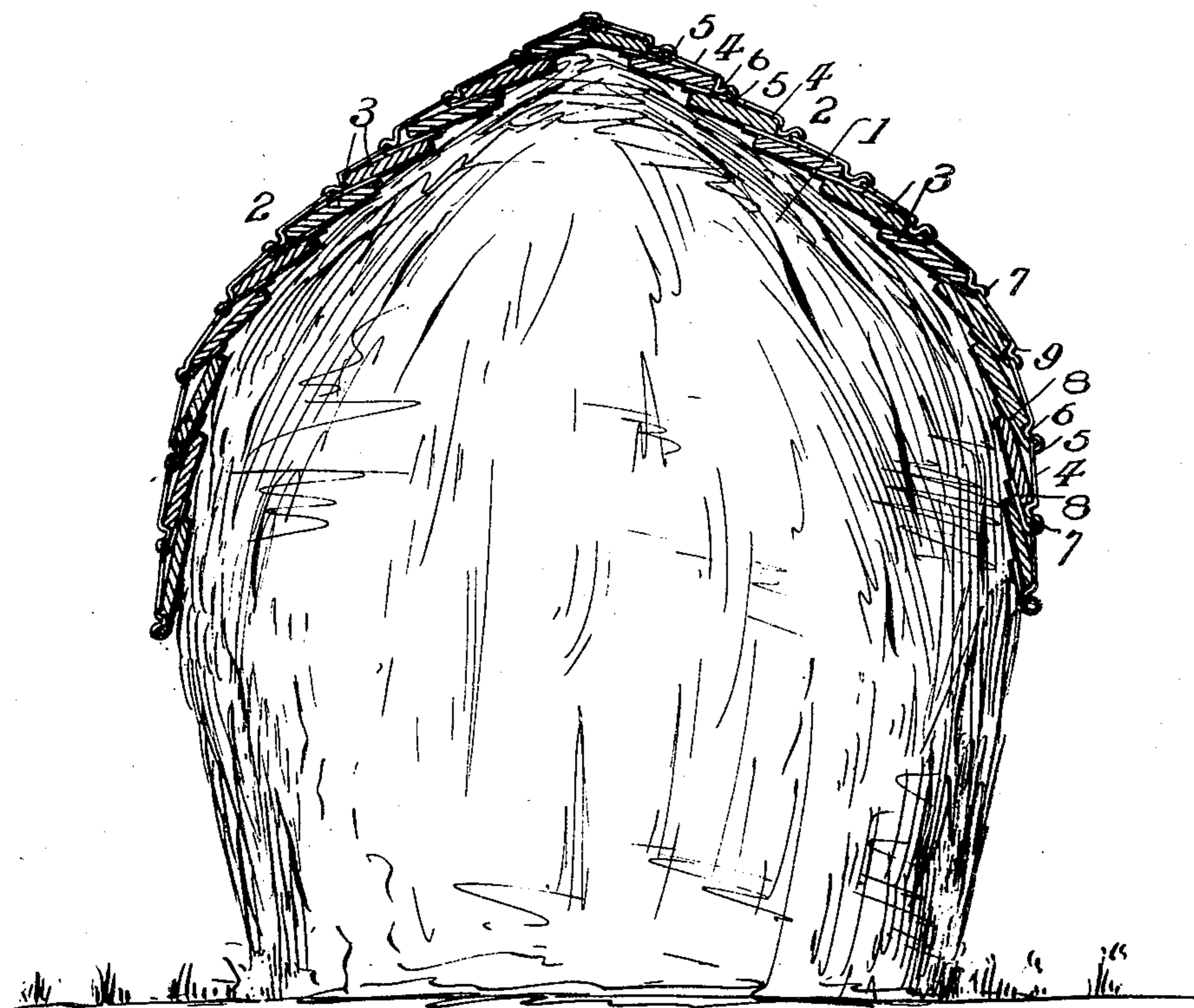
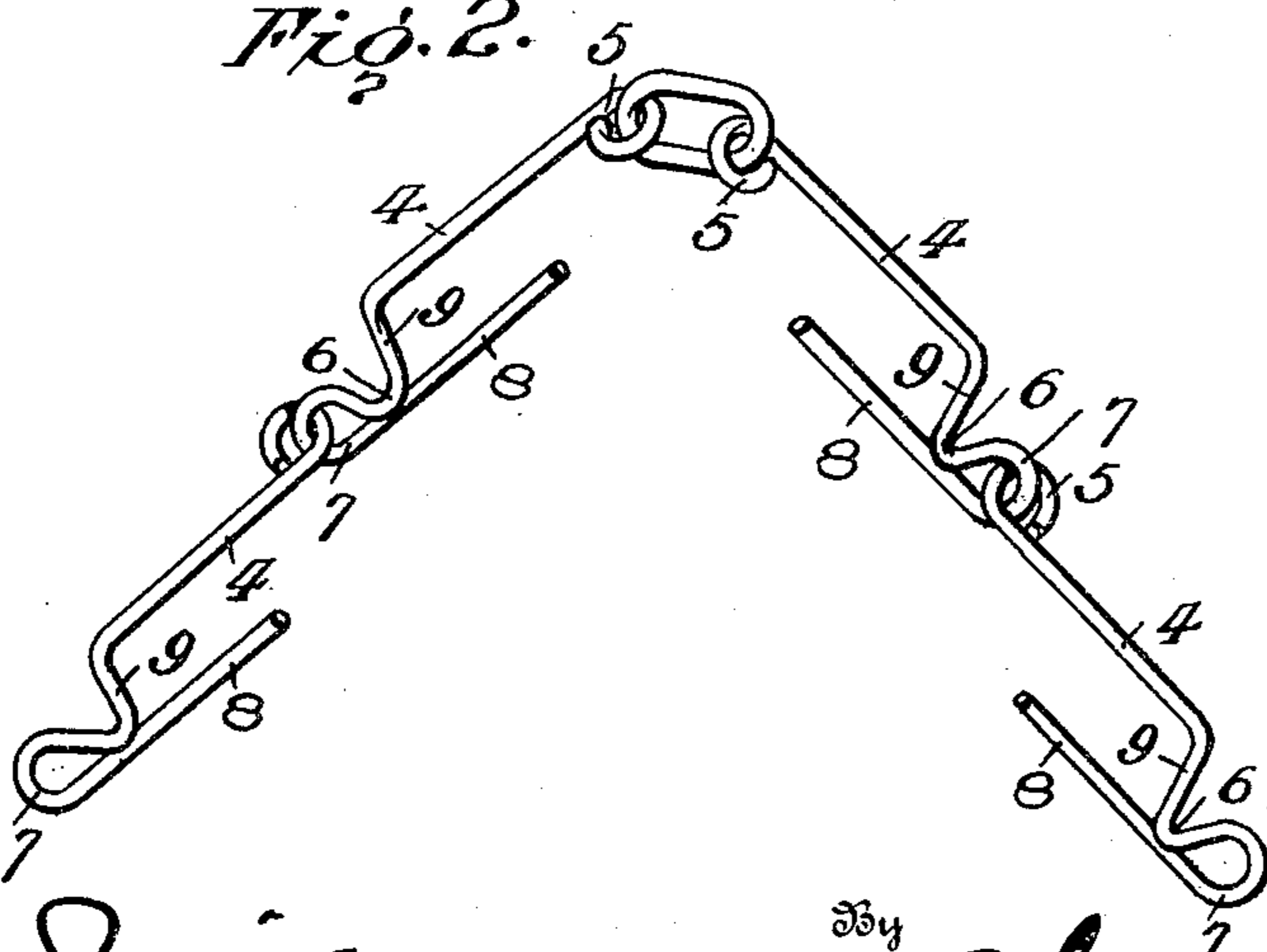


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## HAY-CAP.

SPECIFICATION forming part of Letters Patent No. 793,634, dated July 4, 1905.

Application filed December 9, 1904. Serial No. 236,242.

*To all whom it may concern:*

Be it known that I, HENRY J. BENDEROTH, a citizen of the United States, residing at Assumption, in the county of Christian and State of Illinois, have invented certain new and useful Improvements in Hay-Caps, of which the following is a specification.

This invention relates to improvements in that type of hay-caps embodying, essentially, a plurality of covering-boards adapted to be supported upon the stack by chains.

The invention comprises, primarily, peculiar link structure of the chains used to support the housing of the stack, said links being of special formation and particularly designed to subserve the strength and rigidity thereof when in practical use.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment thereof is shown in the accompanying drawings, in which—

Figure 1 is a vertical sectional view of a hay-stack having a hay-cap embodying the invention applied thereto. Fig. 2 is a perspective view showing a couple of links composing the several chains of the cap which support the boards comprising the same.

Corresponding and like parts are referred to in the following description and indicated in both the views of the drawings by the same reference characters.

Referring to the drawings, the numeral 1 designates the hay-stack, and the cap 2, as shown, is composed of sides extending downwardly upon opposite sides of said stack 1. The sides of the cap 2 consist of a plurality of boards 3, and the latter are supported by chains composed of a number of links in a manner similar to cap or housing means of this class.

The links of the chains are of such structure that the boards 3 are supported so as to overlap one another at the upper and lower edge portions, thereby forming an effective watershed. Each of the links of the chains supporting the boards 3 is of a similar construction and comprises a body 4, provided at its upper end with an eye 5 and deflected or bent out adjacent its lower end portion to form a hump 6, projecting at an angle to the plane of the body. The body 4 of the link projects downwardly from the hump 6 and is formed into an eye 7 at its lower extremity. Projecting upwardly from the lower portion of the link and in spaced relation to the body 4 is a stop 8, which preferably consists of a portion of the body 4 of the link bent upwardly in parallel relation to the part 4, said stop 8 projecting from the eye 7 thereof aforesaid. In other words, specifically describing the link device, the same is preferably formed from a metal bar provided at its upper end with the integral eye 5, having the integral deflected portion or hump 6 and extended to form the other integral eye 7 and a stop extension 8, above described. The upper eye 5 of the several links of the chains is disposed in a plane at a right angle approximately to the lowermost eye 7. The eye 5 of one link is received in the eye 7 of the next adjacent link, thereby forming the continuous chain necessary for the purposes of the invention.

The chains when made of links similar to those set forth herein are comparatively simple in construction and at the same time forming a very substantial support for the boards comprising the cap or cover for the stack. The upper side of the deflected portion 6 of each link, together with the adjacent body portion 4, forms a seat 9, upon which the lower edge portion of the respective boards 3 rest, and the hump portion 6 sustains the direct weight of the boards. The disposition of the stop member 8 is advantageous in that if this member be broken off accidentally or otherwise the effectiveness of the link will not be destroyed, but the boards will be held in position by means of the projecting portion 6 aforesaid.

Having thus described the invention, what is claimed as new is—

As a new article of manufacture, a link for hay-cap chains comprising the body 4 consisting of a bar having one end bent to form the eye 5, the other end being bent outwardly to form the hump 6 and thence curved downwardly and again outwardly and upwardly to form another eye 7 beneath the hump, the extremity of the bar after being formed into the eye 7, being extended upwardly from said eye

some distance above the hump 6 in parallel relation to the portion 4 so as to form the stop portion 8 and the seat 9, the portion 8 being in contact with the outermost part of the hump 6.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY J. BENDEROTH. [L. s.]

Witnesses:

D. C. REBER,

JACOB C. SIMONS.