

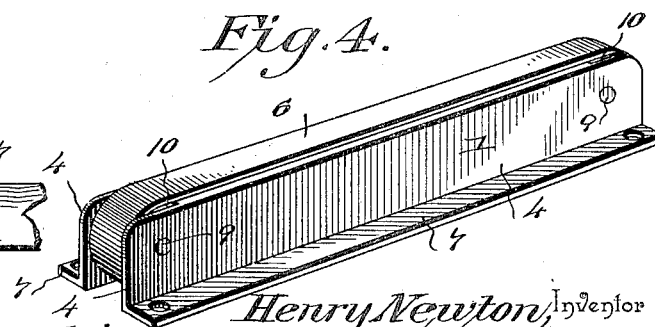
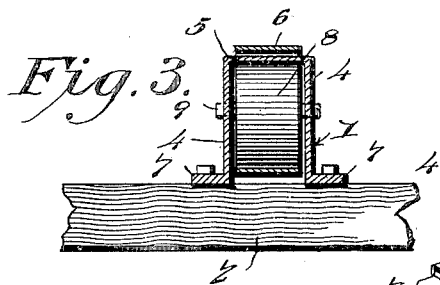
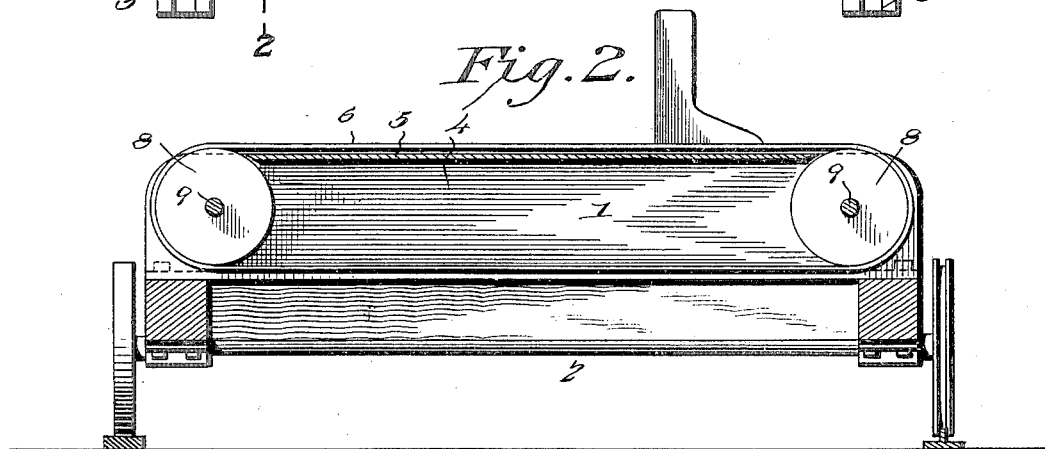
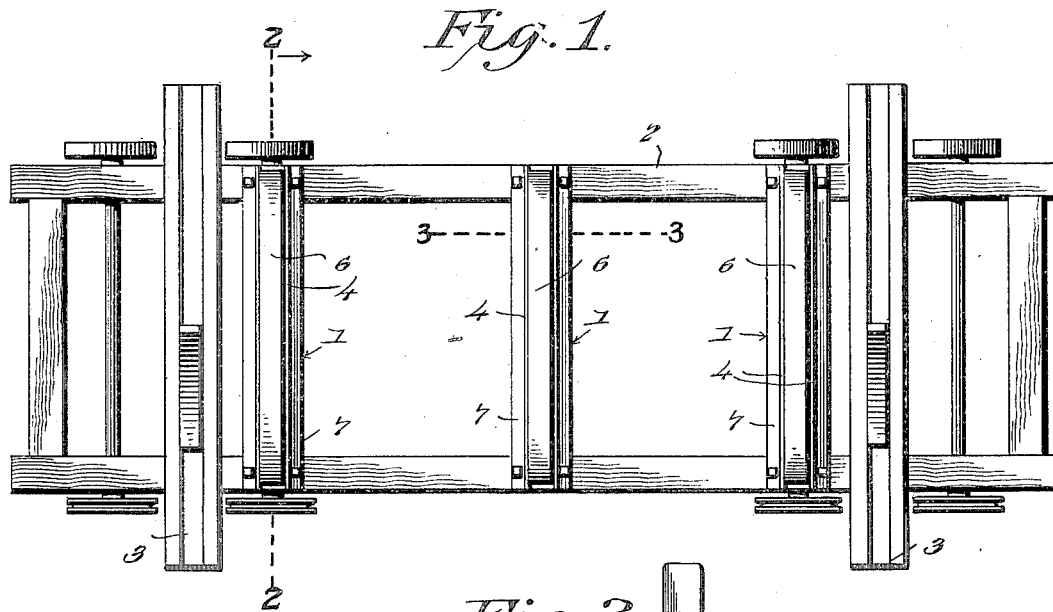
No. 649,946.

Patented May 22, 1900.

H. NEWTON.
SAWMILL CARRIAGE ATTACHMENT.

(Application filed Oct. 23, 1899.)

(No Model.)



Witnesses
Jas. K. McLaughlin
J. F. Riley

By *Henry Newton*, Inventor
his Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

HENRY NEWTON, OF CENTRALIA, WASHINGTON.

SAWMILL-CARRIAGE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 649,946, dated May 22, 1900.

Application filed October 23, 1899. Serial No. 734,526. (No model.)

To all whom it may concern:

Be it known that I, HENRY NEWTON, a citizen of the United States, residing at Centralia, in the county of Lewis and State of Washington, have invented a new and useful Sawmill-Carriage Attachment, of which the following is a specification.

The invention relates to improvements in sawmill-carriages.

The object of the present invention is to improve the construction of sawmill-carriages and to provide a simple and comparatively-inexpensive device adapted to be readily applied to a sawmill-carriage and designed to support a log while the same is being cut and capable of enabling a log to be readily turned without being previously lubricated.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a plan view of a sawmill-carriage provided with a device constructed in accordance with this invention. Fig. 2 is a transverse sectional view on line 2 2 of Fig. 1. Fig. 3 is a detail sectional view on line 3 3 of Fig. 1. Fig. 4 is a detail perspective view of the attachment.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a supplemental head-block or girder disposed transversely of a sawmill-carriage frame 2, as clearly illustrated in Fig. 1 of the accompanying drawings, and designed to be arranged adjacent to the head-blocks 3 to form the principal support for a log while the same is being cut; but the attachment may be arranged at a central point, as shown in Fig. 1, and at other points, as desired. The supplemental head-block or girder is hollow, being composed of parallel sides 4 and a connecting top portion 5, which forms a supporting-surface for the upper flight of a belt 6. The sides are provided at their lower edges with outwardly-extending flanges 7, arranged upon the upper faces of the side beams of the sawmill-carriage frame and bolted or otherwise secured to the same.

The endless belt 6, which is supported by pulleys 8, is preferably constructed of steel,

and it has its upper flight extending longitudinally of the supplemental head-block or beam and adapted to receive and support a log, and its upper face is arranged in a plane slightly above the upper surfaces of the main head-blocks 3 of the sawmill-carriage, whereby the log is adapted to clear the same slightly or only rest partially thereon. The pulleys 8, which are mounted on suitable shafts or spindles 9, are located at the ends of the auxiliary head-block, which is provided with slots or openings 10, formed by cutting away the top portion, as clearly illustrated in Fig. 4 of the accompanying drawings. The shafts or spindles 9, upon which the pulleys 8 are mounted, are journaled in suitable bearings of the sides of the auxiliary head-block, and suitable means are designed to be provided for lubricating the upper face of the lower flight of the belt, so that the upper face of the auxiliary head-block will be automatically lubricated as the belt is advanced. The belt which supports the weight of the log enables the same to be turned freely in changing the position of the same, and it also enables the log to be readily advanced for the next cut. As the belt slides freely over the lubricated surface of the auxiliary head-block, it obviates the necessity of greasing the log before turning the same.

It will be seen that the attachment is simple and comparatively inexpensive in construction, that it is adapted to be readily applied to a sawmill-carriage, and that it is adapted to support the weight of a log and lessen the labor of handling the same.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What is claimed is—

1. The combination with a sawmill-carriage, of an auxiliary head-block provided with a belt arranged to support the weight of a log, whereby the latter may be easily handled, substantially as described.

2. The combination with a sawmill-carriage, of an auxiliary head-block, pulleys mounted on the head-block at the ends thereof, and an endless belt arranged on the pul-

leys and having its upper flight arranged at the upper face of the auxiliary head-block and adapted to receive a log, substantially as described.

- 5 3. The combination with a sawmill-carriage, of an auxiliary head-block composed of two sides and a connecting top portion and provided at its ends with openings, pulleys mounted between the sides of the auxiliary
10 head-block at the openings thereof, and an endless belt arranged on the pulleys and hav-

ing its upper flight arranged at the upper face of the auxiliary head-block, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HENRY NEWTON.

Witnesses:

DAVID STEWART,
A. P. WALLACE.