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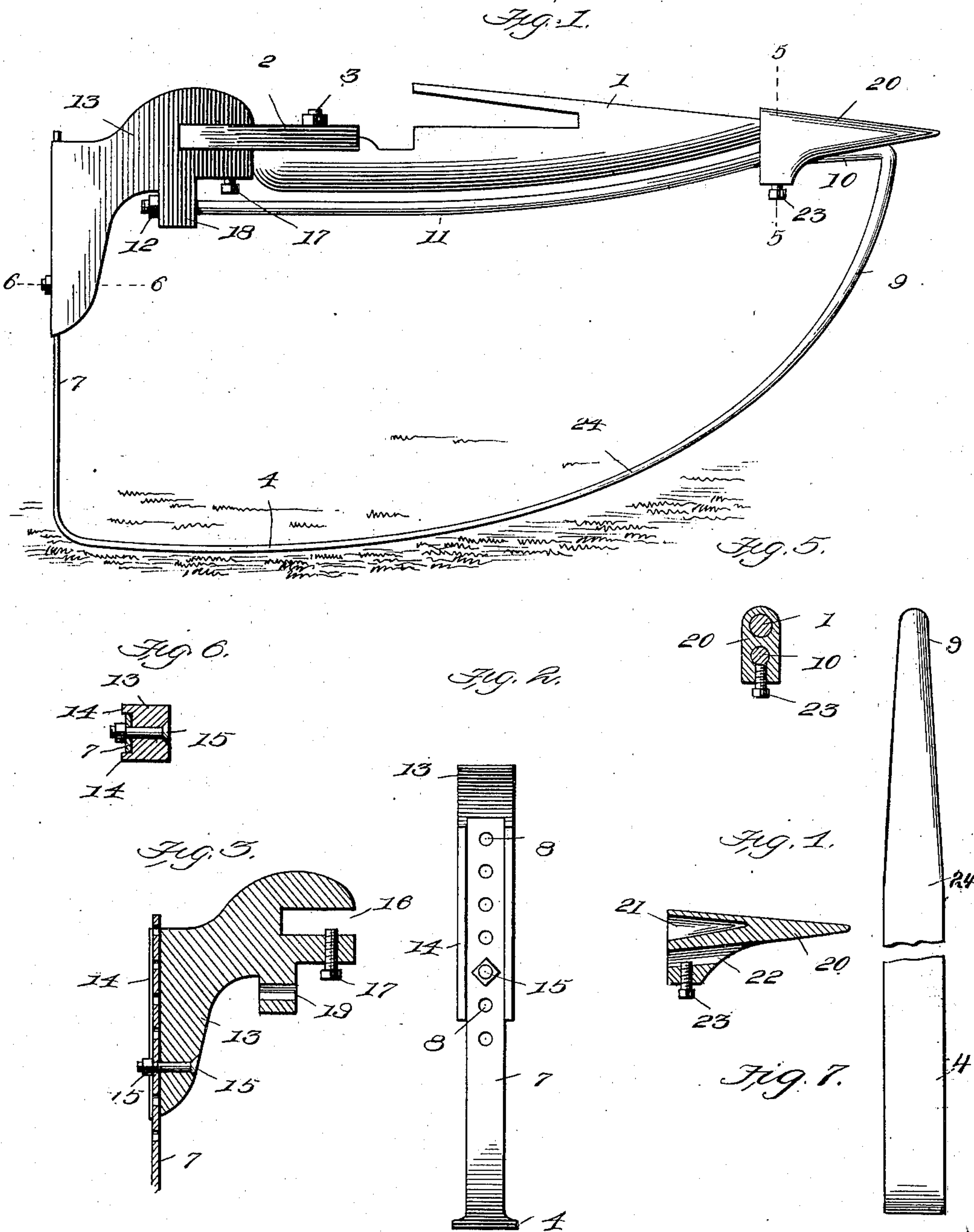
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D. M. JENNINGS, J. L. HENRY & S. A. FRETWELL.

MOWING MACHINE ATTACHMENT.

(Application filed Oct. 21, 1899.)

(No Model.)



Witnesses

W. B. Riley,
Chas. E. Powell

Inventors
D. M. Jennings,
J. L. Henry,
S. A. Fretwell.

By J. M. Fretwell
Attorneys

UNITED STATES PATENT OFFICE.

DAVID MARTIN JENNINGS, JAMES LAWRENCE HENRY, AND SILAS ASHLEY
FRETWELL, OF CENTRALIA, MISSOURI.

MOWING-MACHINE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 662,442, dated November 27, 1900.

Application filed October 21, 1899. Serial No. 734,338. (No model.)

To all whom it may concern:

Be it known that we, DAVID MARTIN JENNINGS, JAMES LAWRENCE HENRY, and SILAS ASHLEY FRETWELL, citizens of the United States, residing at Centralia, in the county of Boone and State of Missouri, have invented a certain new and useful Mowing-Machine Attachment, of which the following is a specification.

10 This invention relates to attachments for mowers or harvesters, and has for its object to produce a runner which can be suitably secured to the finger-bar, whereby the cutter is elevated for the purpose of cutting weeds without cutting the growing grass, &c.; and it consists in the parts and combinations of parts hereinafter pointed out.

20 In the drawings, Figure 1 is a side elevation of the improved runner attached to the finger-bar. Fig. 2 is a rear elevation of the same. Fig. 3 is a vertical section of the clamp and runner, the runner being broken away. Fig. 4 is a vertical section of the nose-clamp detached. Fig. 5 is a vertical section on the lines 5 5, Fig. 1. Fig. 6 is a section on the line 6 6, Fig. 1; and Fig. 7 is a bottom plan view of the runner.

1 represents the usual finger-guard of a mowing-machine, and 2 the usual finger-bar, secured thereto by means of the guard-bolt 3.

4 is the runner, which is flattened along that portion which is usually in contact with the ground, the rear portion of which is bent upward at right angles to form a standard 7, provided with a series of bolt-openings 8. As will be seen from Fig. 2, the standard 7 is of less width than the runner 4. The runner is gradually tapered toward the forward end until it becomes perfectly round, as at 9, and is bent backward to form a substantially straight portion 10, having a slight downward inclination. The runner is then given a slight downward bend and curve from the portion 10 to form the top portion 11, the end of which is provided with suitable screw-threads.

12 is a nut secured on the end of the portion 11.

13 is a casting having ribs or lugs 14 on its rear face, forming a groove, in which the

standard 7 is secured by means of the bolt and nut 15.

16 is a slot cut in the forward face of the casting, in which the end of the finger-bar is secured by means of the set-screw 17, as seen in Fig. 1. 55

18 is a lug depending from the casting, having a hole 19, through which the end of the top of the runner passes and is secured therein by means of the nut 12. 60

20 is a nose-guard having a tapered recess adapted to fit over the nose of the finger-guard 1.

22 is a bore or opening formed through the nosepiece, in which the portion 10 of the runner is secured by means of the set-screw 23. 65

It will be observed that the runner is round at the portions 9, 10, and 11, and that from the portion 9 it is gradually tapered to the point 24, from which point it is flat. 70

The attachment is secured to the mower by first slipping the casting 13 over the finger-bar 2, to which it is firmly secured by means of the set-screw 17. The nosepiece 20 is then slipped along on the portion 10 until the nose of the finger-guard is seated snugly in the recess 21, when the set-screw 23 is turned, thereby firmly binding the nosepiece on the finger-guard, as shown in Fig. 1. 75

It is often desirable to cut weeds, &c., from growing crops—as, for instance, grass; but this cannot be done with the mowing-machine, as the cutter-bar is in its normal position too low; but with this improved runner attached to the ends of the finger-guard, as shown in Fig. 1, the cutter-bar is elevated, say, from six to ten inches from the ground above the top of the grass. The adjustment may be regulated by means of the bolt 15 and openings 8 in the standard 7. 80 85 90

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent of the United States, is—

1. In a mower the combination with a shoe, of a nosepiece, a bore or opening in the same in which the shoe is secured, a recess in said nosepiece adapted to receive the nose of the finger-guard, and means for securing the rear end of the shoe to the mower, substantially as shown and described. 95 100

2. In a mower the combination with a shoe,
of a clamp comprising ribs on its rear face, a
slot in its forward portion, a set-screw en-
tering said slot, and a depending lug having
5 an opening, said slot being adapted to re-
ceive and retain the finger-bar while the re-
spective ends of the shoe are secured in the
said lug and between the ribs on said clamp
and means for securing the forward part of
10 the shoe in the nosepiece, substantially as
shown and described.

3. The combination with a shoe having a
standard integral with and bent upward at
right angles to the runner a series of bolt-open-
15 ings in said standard of a clamp comprising
ribs forming a groove on its rear face, in which

the standard is adjustably secured by means
of a bolt, a slot formed in the front face of
the clamp, a set-screw extending into the
same, and a lug depending from said clamp 20
and provided with an opening in which the
other end of the shoe is secured and means
for securing the forward part of the shoe to
the finger-guard, substantially as shown and
described.

DAVID MARTIN JENNINGS.
JAMES LAWRENCE HENRY.
SILAS ASHLEY FRETWELL.

Witnesses:

L. A. SAWYER,
M. F. WILLS.