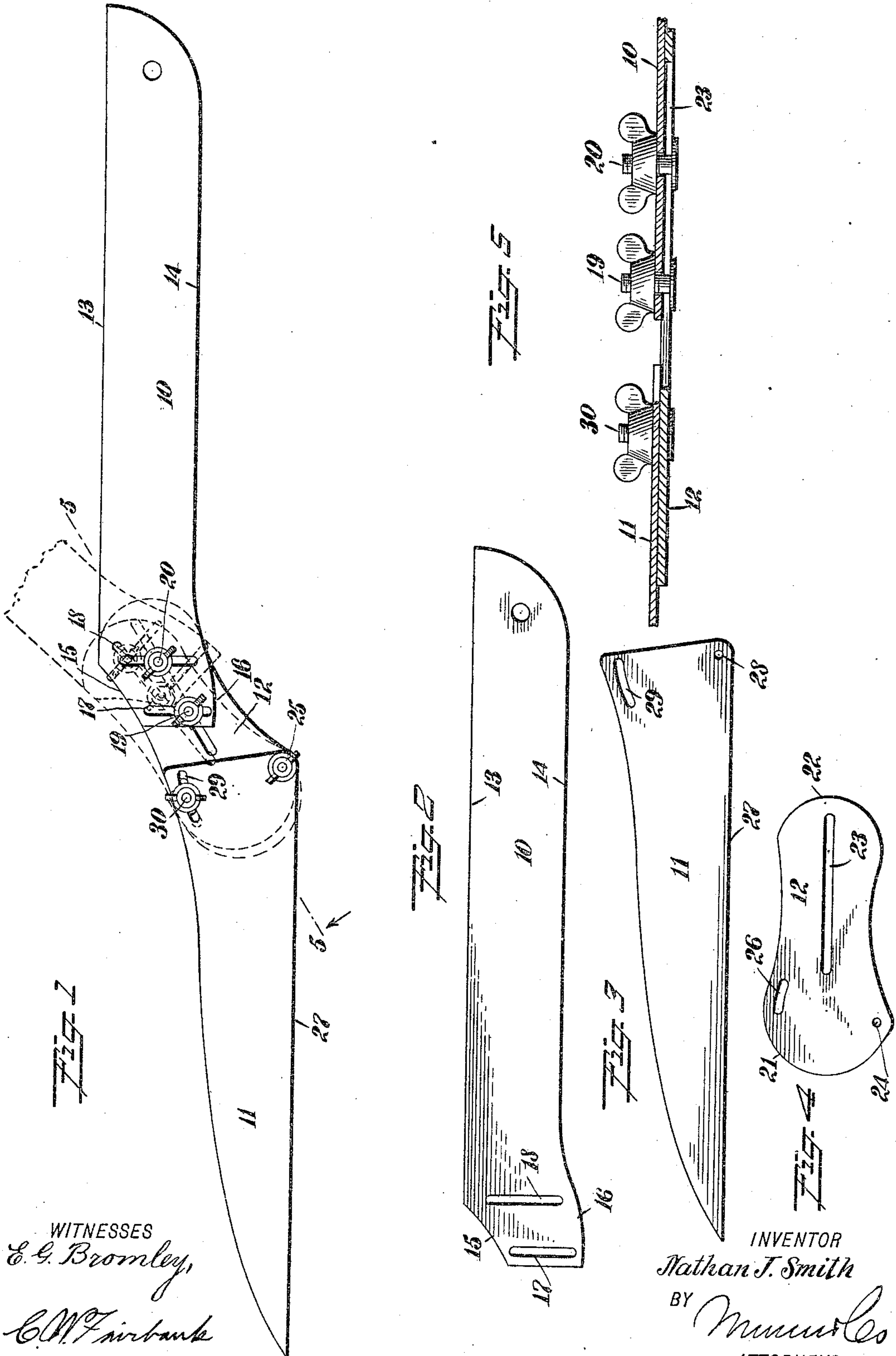


N. J. SMITH.
ADJUSTABLE PATTERN FOR TONGUE HOUNDS.
APPLICATION FILED SEPT. 1, 1909.

959,398.

Patented May 24, 1910.



WITNESSES
E. G. Bromley,
C. W. Fairbank

INVENTOR
Nathan J. Smith
BY *Mumford*
ATTORNEYS

UNITED STATES PATENT OFFICE.

NATHAN JAMES SMITH, OF HALSTEAD, KANSAS.

ADJUSTABLE PATTERN FOR TONGUE-HOUNDS.

959,398.

Specification of Letters Patent.

Patented May 24, 1910.

Application filed September 1, 1909. Serial No. 515,570.

To all whom it may concern:

Be it known that I, NATHAN J. SMITH, a citizen of the United States, and a resident of Halstead, in the county of Harvey and State of Kansas, have invented a new and Improved Adjustable Pattern for Tongue-Hounds, of which the following is a full, clear, and exact description.

This invention relates to certain improvements in patterns for use in the manufacture of tongue hounds for wagons, and the object of the invention is to provide a pattern so constructed as to permit of its use in marking out hounds of various different shapes and forms.

My improved pattern is formed of a plurality of sections, so connected together as to facilitate their relative movement and to bring the body portion of the hound at any desired angle to the bracket portion.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures, and in which—

Figure 1 is a plan view of a pattern constructed in accordance with my invention, the members being shown in dotted lines in a second or adjusted position; Figs. 2, 3 and 4 are plan views of the three members going to make up the pattern; and Fig. 5 is a sectional detail on the line 5—5 of Fig. 1.

The specific form of pattern illustrated is made up of three separate sections adjustably connected together. One of these sections or members constitutes a body member 10 for use in marking out the body portion of the hound, that is, the portion to be connected to the corresponding hound on the wagon. A second section or member 11 is adapted for use in marking out the bracket portion of the hound, that is, the portion by means of which the hound is rigidly secured to the wagon tongue. The third section or member 12 constitutes a link or connecting member and is adjustably connected to both the body member and the bracket member. The three members may be made of any suitable material, for instance, sheet metal or cardboard, and are preferably thin flat strips. The body member 10 has an outer straight edge 13 for marking out the edge of the hound that engages with the wagon hound. The opposite edge 14 of the body may be parallel thereto or of any de-

sired contour. At one end of the edge 13, a corner is cut away to leave a beveled edge 15, adapted to be brought into alinement with the outer edge of the link or connecting member 12. Opposite to this beveled edge 15 is an outwardly-extending portion 16, the edge of which may come into alinement with the corresponding edge of the connecting or link member 12.

Extending transversely of the body are two slots 17 and 18, through which extend suitable set screws 19 and 20. The link member 12 is preferably provided with rounded ends 21 and 22, and is provided with a slot 23 extending longitudinally thereof and adapted to receive both of the set screws 19 and 20. The slot is of greater length than the distance between the set screws, so that they may be moved longitudinally of the slot, and at the same time the member 10 may be moved in parallelism to vary the position of the set screws in the slots 17 and 18. At one corner of the link member there is an aperture 24 adapted to receive a pivot set screw 25, and adjacent the opposite corner of the member is a curved slot 26 disposed in the arc of a circle having the aperture 24 for a center.

The bracket member 11 preferably comes to a point at one end and has a straight edge 27 for marking that portion of the hound which engages with the side of the tongue and is bolted thereto. At the end of the member and in the corner adjacent the edge 27 and opposite the point, is a pivot aperture 28 for receiving the pivotal bolt 25. In the other corner is a curved slot 29 corresponding to the curved slot 26. A set screw 30 extends through the slots 26 and 29 for limiting the relative movement of the members 11 and 12 and for locking them in adjusted position. The member 11 may be considered as the stationary member, inasmuch as the corresponding part of the hound is to be secured to the wagon tongue. The link member 12 has pivotal connections with the member 11, so as to vary the angle at which the body portion of the hound leaves the bracket portion. The body portion of the hound may be adjusted not only angularly in respect to the connecting portion; it may be adjusted laterally or longitudinally. By means of my improved pattern a hound of the common type and of any desired form or angularity may be marked out.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A tongue hound pattern having a bracket section, a body section, an intermediate link section, pivotal connections between said link section and the bracket section, and pivotal and sliding connections between said link section and said body section.

2. A tongue hound pattern having a bracket section formed with an aperture therethrough adjacent one corner and a curved slot concentric with said aperture, a link section having an aperture therethrough and a slot extending lengthwise thereof, pivotal connections extending through the curved slot of the bracket section and connected to said link section for adjustably connecting said sections together, and a body

section having two substantially parallel transverse slots therein and two securing members extending through said slots and through the slot of the link section for adjustably connecting said link section and said body section.

3. A tongue hound pattern, having a bracket section, a body section, an intermediate link section, pivotal connections between said link section and one of said first-mentioned sections, and pivotal and sliding connections between said link section and the other of said first-mentioned sections.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

NATHAN JAMES SMITH.

Witnesses:

W. L. BARNARD,
N. L. HINSHAW.