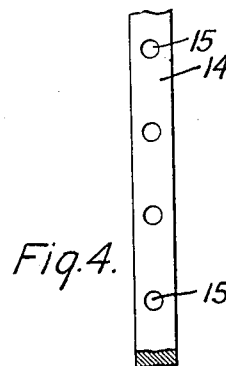
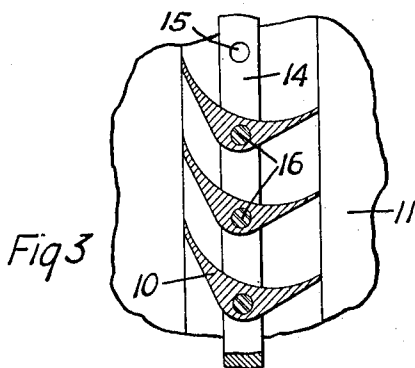
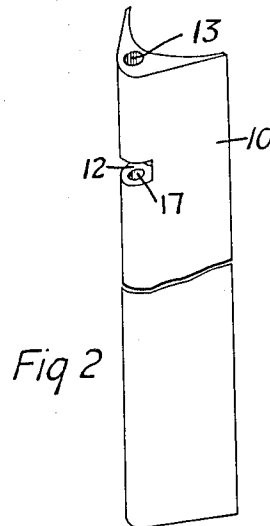
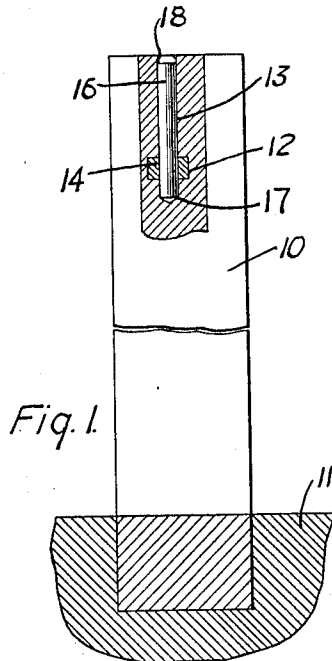


W. B. FLANDERS.
BLADE MOUNTING.
APPLICATION FILED AUG. 12, 1911.

1,020,750.

Patented Mar. 19, 1912.



WITNESSES:

R. F. Ridge.
[Signature]

INVENTOR.

Warren B. Flanders
BY *Jno. S. Green*
HIS ATTORNEY IN FACT.

UNITED STATES PATENT OFFICE.

WARREN B. FLANDERS, OF PITTSBURGH, PENNSYLVANIA, ASSIGNOR TO THE WEST-
INGHOUSE MACHINE COMPANY, A CORPORATION OF PENNSYLVANIA.

BLADE-MOUNTING.

1,020,750.

Specification of Letters Patent.

Patented Mar. 19, 1912.

Application filed August 12, 1911. Serial No. 643,790.

To all whom it may concern:

Be it known that I, WARREN B. FLANDERS, a citizen of the United States, and a resident of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have made a new and useful Invention in Blade-Mountings, of which the following is a specification.

This invention relates to blade lashing.

10 One of the objects of the invention is to provide means whereby each blade will be securely fastened to the lashing which connects a series.

15 Another object of the invention is to provide means whereby the lashing may be intimately interlocked with the respective blades which it engages.

20 Other objects and advantages of this invention will be referred to hereinafter, it being understood that changes in form, proportion and minor details of construction may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

25 In the drawings: Figure 1 is an elevational view of a blade partially in section with the lashing projecting through the opening therein and fastened by a securing device. Fig. 2 is a perspective view of a blade detached. Fig. 3 is a transverse sectional view through a series of blades just above the lashing strip; and Fig. 4 is a plan view of the lashing strip.

35 The blades 10 are illustrated as being secured to a blade holding element 11. Each blade is illustrated as being provided with a transverse slot 12. In the present instance I have shown the slot 12 as approximately rectangular in cross section, and this slot is shown as being intersected by a longitudinal opening 13.

40 The lashing strip shown in Fig. 4 and designated by the reference numeral 14 is of approximately the same cross sectional area

as the cross sectional area of the slot 12. 45 The strip 14 is shown as being provided with a plurality of openings 15 adapted when the strip is in place to align with the openings 13 in the respective blades. When the blades are assembled, and the strip 14 is 50 inserted through the slots 12 so that the openings 15 will align with those designated 13 in the blade, a securing pin 16 may be driven into each longitudinal opening 13 through the opening 15 and into the recess 55 17 which is really a continuation of the opening 13. After the pins 16 are in place, the ends of the blades may be slightly peened over, as shown at 18, Fig. 1, so as to prevent displacement of the pins due to 60 centrifugal force or from any other cause.

What I claim and desire to secure by Letters Patent is:

1. A blade, a strip passing through an opening in said blade and a pin engaging 65 the strip and the blade.

2. A blade, a strip passing through an opening in said blade and a pin carried by the blade and engaging the strip.

3. A plurality of blades provided with 70 aligned slots and each blade having longitudinal openings intersecting its slot, a lashing strip passing through the slots and a locking pin in a longitudinal opening and passing through the lashing strip. 75

4. A plurality of blades having alining slots, a lashing strip passing through said slots, a pin longitudinally of each blade and passing through the lashing strip and a distorting portion on each blade for holding 80 each pin in place.

In testimony whereof, I have hereunto subscribed my name this 9th day of August, 1911.

WARREN B. FLANDERS.

Witnesses:

C. W. McGHEE,
R. JAMES RIDGE.