

TREATMENT OF BAND RESAWS.

Band resaws, says a writer in the Mechanic, require essentially the same treatment as band saws. They must be strained most near the toothed edge. Teeth must be of a length, with full swaging, evenly balanced or side-dressed, to cut a line.

Modern band resaw mills are now made with iron wheels perfectly balanced and true, with the face made approximately flat or slightly convex, so that the tension of the saw may be readily adjusted to suit the face of the wheels. This condition met, it is requisite that the face of the wheel shall be kept perfectly clean, as

any adherence of sawdust, gum, pitch or dust, if allowed to accumulate near the base of the tooth will almost certainly change the strain of the saw on the mill to an extent that will cause a fracture.

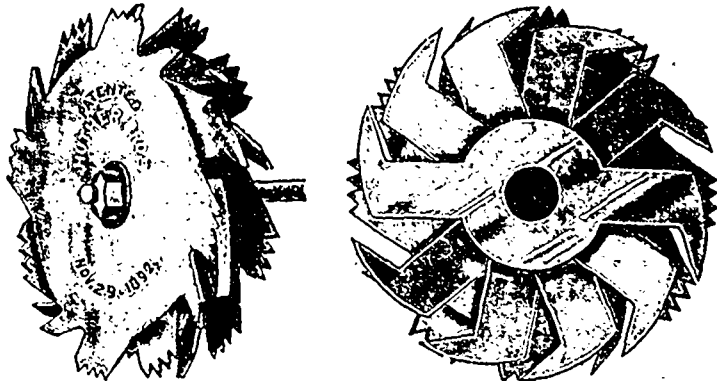
Filers are agreed that the back of the saw should show slightly convex, the amount depending somewhat on the form of the wheels and whether the cross line is used. A convexity of 1-64 of an inch in 5 feet is considered good for band resaws.

The proper tensioning and fitting of resaws is a more delicate process than the similar fitting of band saws, for the resaw is not only much

narrower, but also of much lighter gauge. Thus, while the tension of a 12-inch band saw, 14-gauge, may be put in so that the main strain comes not nearer than $1\frac{1}{2}$ to 2 inches to the points of the teeth, the strain and stiffness of the wide blade serves to support and steady the teeth so that they run practically true. But in the band resaw from 4 to 6 inches wide, and from 18 to 22 gauge, you must depend entirely upon the up and down strain supporting the cutting edge, and must, therefore, tension the saw almost from edge to edge. It is well to make use of a small tension gauge which can be furnished to suit usual conditions, or can be reshaped for special work, if desired.

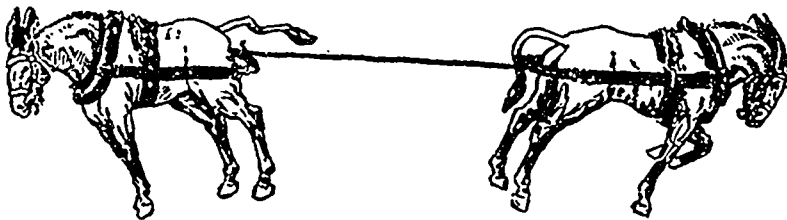
HUTHER BROS. PATENT GROOVER OR DADO HEAD

For cutting any width groove from $\frac{1}{4}$ -inch to 2 inches or over



Can be used on any Circular Saw Mandrel. Will cut a perfect groove with or across the grain.

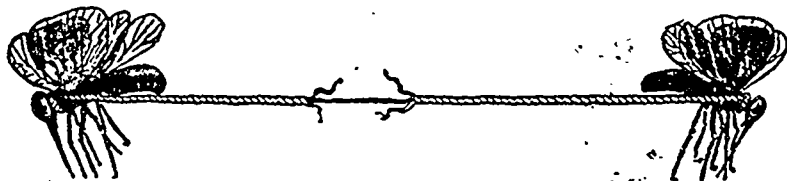
This is the only Dado Head on the market that gives entire satisfaction on all classes of work. No screw adjustment. For different width grooves, simply remove or add inside cutters. Sold by builders and dealers of woodworking machinery in all parts of the United States. Will send on approval, in competition with any other make on the market; if not the best return at our expense. HUTHER BROS., Platt Street, ROCHESTER, N. Y., manufacturers of Circular Saws, Morgan Pattern Lock-Corner Box Cutters, Concave Saws, etc.



These Mules Cannot Break This Yarn

BECAUSE IT WAS MADE BY THE

Consumers Cordage Co., Limited



Poor Yarn is Dear at Any Price

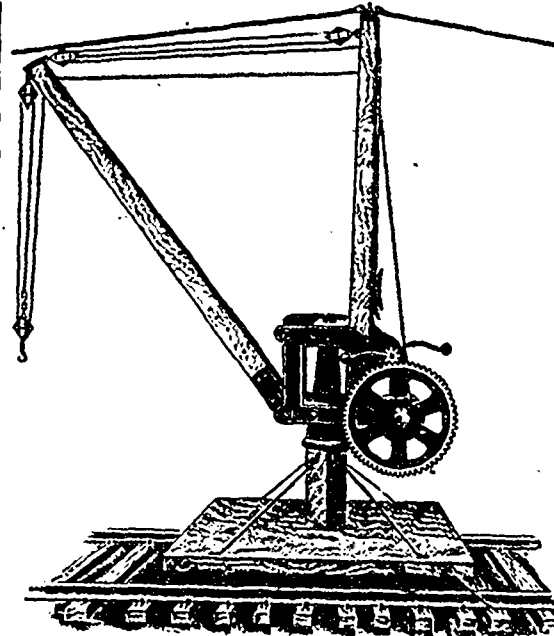
We Manufacture

**Double and Single Lath Yarn,
Shingle Yarn, and Cordage**

Of Every Description

Our mills are equipped with the latest improved machinery for making extra long lengths of Transmission Rope.

CONSUMERS CORDAGE CO., LIMITED
Montreal and Halifax

**DERRICKS**

of all descriptions
and for all purposes.

Special Derricks
for Handling
Timbers and Logs

Derrick Fittings
Stump Pullers,
and
Grubbing Machines
for Hand and
Horse Power

Catalogue on Application.

**NATIONAL HOIST &
MACHINE CO.**

463 W. 22nd St.,
CHICAGO, ILL., U.S.A.

**TIME IS MONEY TO THE
MAN WHO DRIES LUMBER**

COMPARE the SPEED of the
MORTON DOWN DRAFT
MOIST AIR DRY KILN
with that of OTHER SYSTEMS
IT WILL SURPRISE YOU



Adopted by

The Canadian Pacific Railroad Co., at Montreal and Winnipeg.
Gold Metal Furniture Co., Toronto, Ont.
Mason & Risch Piano Co., Toronto, Ont.
The Brunswick Balke Collender Co., Chicago, Ills.
The Pullman Co., Pullman, Ills.

A distinctly modern Dry Kiln, produces the
highest grade finish on the American market.

WRITE FOR CATALOGUE.

THE A. H. ANDREWS CO.

174-176 Wabash Ave. - Chicago, Ills., U.S.A.