

We have been manufacturing Logging Tools
Continuously since 1870.

Many of our 1870 customers still continue using Champion
Tools.

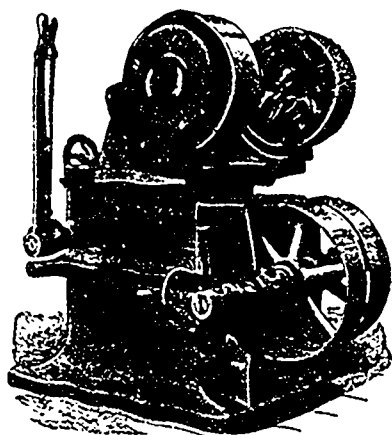
You Know Why

Our illustrated catalogue and price list on application.

Champion Tool & Handle Works,
Evart, Michigan.



ONE BOY AGAINST FIVE MEN



The boy with a Nash Sander will do as much
work, and do it far better than five expert men
can do with the old fashioned sand belt. You can

Figure the Saving Yourself.

It is simply the difference between what you
will pay one boy and what the five men will cost.
If you make any kind of round work, such as
chair legs, spindles, dowel rods, curtain poles,
shade rollers, handles etc.

You Can't Afford Not to Use It.

The machine will save its own cost in three
months, besides making an improvement in the
quality of your work that is a profit in itself.

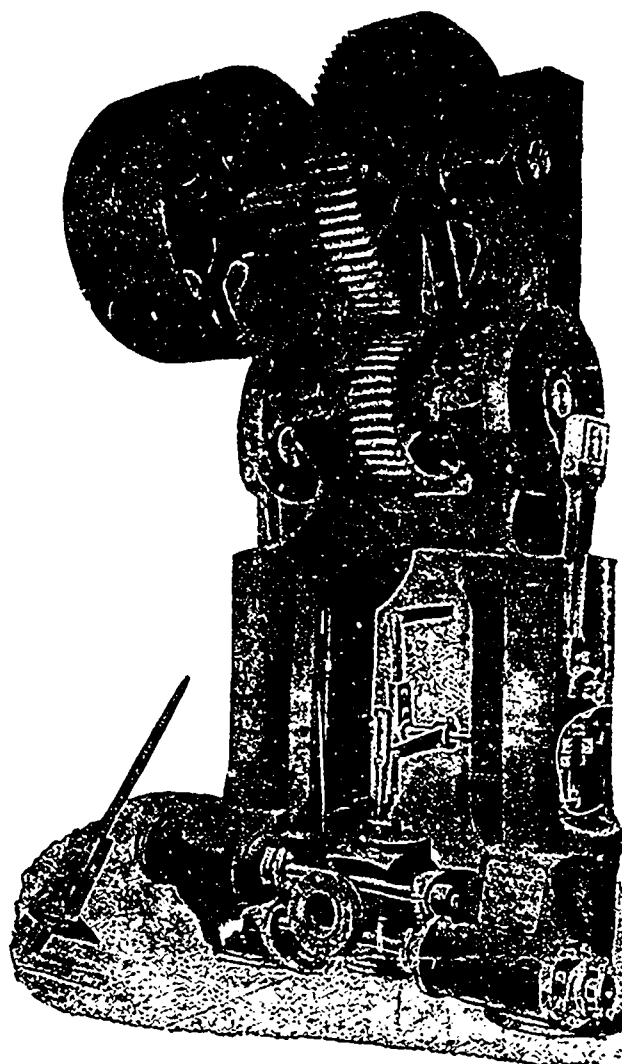
Costs Nothing to Investigate.

THE J. M. NASH SANDER CO.

Lake and Ferry Sts., WILWAUKER, WIS.

SEND FOR ILLUSTRATED CATALOGS.

Manufacturers of Wood-Working Machinery, Automatic Double Saw and Chuck
Machines, 12-Spindle and 4-Spindle Boring Machines.



INMAN POULSEN
& Co.
Oregon Pine Lumber.
Annual Output 75
million feet.
PORTLAND, OREGON,
January 8th, 1903.
ZIMMERMAN - WELLS
MACHINERY CO.,
Portland, Oregon.

GENTLEMEN, In
reference to your in-
quiry regarding the
workings of the Ray
Patent Steam Feed
purchased from you
about eighteen months
ago, we have this to
say regarding the feed,
that it certainly is not
only the best feed that
we have ever used, but
undoubtedly has no
equal to-day on the
Pacific Coast.

We have dropped an
high as twelve 24-ft. 1"
boards in one minute.
In doing this, the car-
riage would have to
travel about 650 feet
and stop and start
twenty-four times in
one minute. The
weight of the carriage,
head blocks, and log
would be about ten
tons. This would give
you a pretty good idea
of the power exerted
by the feed in hand-
ling a load of that size
at such a velocity.

We have run this
feed night and day
since we have had it,
continually, and the
same ropes are still in
service that were put
on when the feed was
mounted. Everything
about the feed seems
to be in as good con-
dition to-day as the day
we got it. We would
not take it out and put
back our old feed for
ten times the cost of
the new one. You will
see that we are more
than pleased with it.

Yours truly,
INMAN POULSEN & Co.

GEORGE R. RAY'S **TWIN ENGINE STEAM FEED**
PATENT

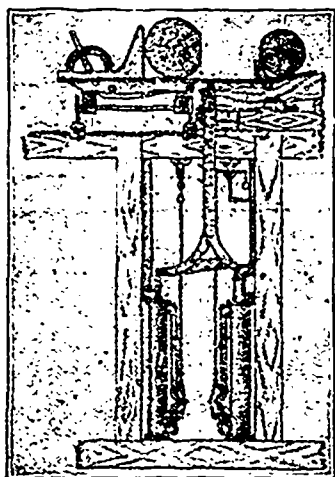
With Drum for Wire Rope or Rack and Pinion.

— MANUFACTURED SOLELY BY —

MANISTEE IRON WORKS CO., MANISTEE, MICH.

Plain Tales from the Hills

♦♦♦



Every thoughtful mill
man knows that the
best, particularly in the
machine line, is none
too good when a high
grade product is de-
sired. This is the rea-
son why there are more
of our stationary nig-
gers in use than all the
other types combined
and explains why they
are constantly replac-
ing machines of other
manufacture with ours.
The people know the
best and want it. Won't
you get into the pro-
cession, increase your
cut several thousand
feet per day, and cut
down your pay roll?

Just drop us a postal
for our catalog B, and
learn all about it.

♦♦♦

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BUFFALO TOOL AND MACHINE CO.

176 Terrace - BUFFALO, N.Y.

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Turning Lathes
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all sizes
Saw Tables
Moulders
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