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sale at the Guard office.

**CONDITION OF
MILLING INDUSTRY
IN EUGENE DISTRICT**

EDITOR OF OREGON TIMBERMAN
WHO RECENTLY VISITED LANE
COUNTY COMPILES INTEREST-
ING FACTS AND FIGURES—CAR
SHORTAGE—PLANS FOR NEW
PALMER COMPANY PLANT

(Oregon Timberman for July.)
Eugene—Manager Geo. Kelly, of
the Booth-Kelly Lumber Company, is
taking a well-earned vacation. His
company is operating the Springfield,
Wendling and Saginaw plants. The
Coburg mill is closed for repairs.
The company is cutting about 300-
000 feet daily and reports cars more
plentiful. E. H. Cox, vice president
of the company, spends considerable
time at Eugene.

W. B. Andrews, the pioneer retail
lumber dealer, is still doing business
at the old stand. For a quarter of a
century he has sold lumber at retail
in Eugene.

W. A. Sumner, of the Palmer Com-
pany, will remove his family to Eu-
gene to make their permanent home.
Mr. Palmer is already comfortably
located with his family and becoming
acquainted with conditions.

The Palmer Mill.

Plans are now being drawn for the
Palmer Company's new mill, to be
erected two and a half miles north of
Eugene, on a splendid site of 60 acres
on which is located a lake, making a
natural log pond. The mill is de-
signed to cut dimension lumber prac-
tically exclusively. Forty feet will be
the greatest length the mill will cut.
No dry kiln or planing mill is con-
templated in the present plans. The
main mill will be 50x205. The ma-
chinery will consist of a double cir-
cular. Eight engines will be uti-
lized to drive the different portions of
the mill independently, the object be-
ing to get away from belts and gears
and transmit the power directly to
each machine, thereby reducing fric-
tion and getting the largest maximum
of power. A 400-horsepower engine
will be utilized to drive the saw rig
and carriage; a 250 horsepower en-
gine will be hooked on to the gang
edger; a 200 horsepower engine will
provide power for operating the
slasher and trimmer; a 75 horse-
power engine will be utilized to drive
the sizer and accessories; a 50 horse-
power engine will be used on the sorting
table; a 30 horsepower engine will
drive the slab conveyor; one pair of
30 horsepower engines will be uti-
lized for the log loader; a 50 horse-
power engine will handle the timber
planer and plow. These different en-
gines are calculated to develop about
300 horsepower. The boiler room
will be of steel and concrete, and is
32x50. Three 72x18 high pressure
boilers, carrying 125 pounds of steam,
will generate the power. The boilers
will be provided with duct ovens
in the rear, and are calculated to de-
velop 1100 horsepower. The boilers
will be set in concrete saddles, mak-
ing it convenient to get around them
with ease. A forty-foot automatic
slasher and forty-foot trimmer will
be provided. Live rolls will be in evi-
dence everywhere. Every labor-sav-
ing device that has proven prac-
tically applicable to the mill will be
utilized. The log skid to the tail end
of the mill will be provided. A dou-
ble cutting band will be utilized for
the pony side. A sorting table 250
feet in length has been provided. A
marine drag saw will be located at
the foot of the slip to cut the logs to
proper lengths. An electric light ma-
chine capable of producing 500 lights
and a few independent motors will
be part of the equipment of the mill.
The controlling idea in the building
of this mill is to adopt the Eastern
system of handling lumber by piling
it up and cutting only to regulation
stock sizes. The difference in the
shipping weight, it is expected, will
more than offset the carrying charges.

The Excelsior Trade.
The Eugene Excelsior Works, Eu-
gene, are running their factory on a
double shift and turning out about
eight tons of excelsior daily. This
company is also operating a plant at
Junction City, with a capacity of two
and a half tons daily. Members of
this company are also interested in
the Sedro Venero Works, at Sedro
Woolley, Wash., where a veneer fac-
tory is operated in conjunction with
the excelsior works. Mr. Peterson, in
speaking of the excelsior business,
says:

"For the past year or more the de-
mand for excelsior has been good, and
the price has been pretty steady.
About 1750 pounds of excelsior can
be produced from a cord of good cot-
tonwood stock. The price of cotton-
wood stumpage keeps climbing. We
have bought it in former years for as
low as 2 1/2 cents per cord, and have
paid as high as \$1.50, so you see it
is not all profit in the excelsior busi-
ness. There are in this state five ex-
celsior plants. Our Eugene and Junc-
tion City plants; the Gardner
Bros.' new factory at Stayton, and
Coos Bay Mattress Company at
Marshfield. The output of these
plants is about seventeen tons daily.
In Washington the Washington Ex-
celsior Company, of Seattle, and the
Carmen Manufacturing Company, of
Tacoma and Spokane, are making ex-
celsior. I understand there is a plant
at Snoqualmie, but I do not know if
it is in operation. In British Colum-
bia some excelsior is made, but to
what extent I do not know. We have
experimented with spruce for the
manufacture of excelsior, but the re-
sults were not satisfactory. In the
first place the percentage of clear
spruce is not so good as 10 to 15 per
cent of the average run of the tree,
and the wood becomes very hard af-
ter drying, so as to make it difficult
to keep the knives sharp. Another
fault we found with spruce is the
tendency to become brittle and crum-

ble. These conditions are not met
with to the same extent in cotton-
wood from the fact that it does not
dry out as readily and retains the
moisture for a long time, and re-
quires us to keep a stock two years
ahead all the time to have wood that
is fit to work."

M. S. Barker operates a band mill
and reports a good local trade.

The Eugene Iron Works are guid-
ing a 30-inch lathe with a 15-foot bed
for the Booth-Kelly Company, of Eu-
gene. This company makes a log
kicker that is meeting with success
wherever installed.

The Walters & Son Lumber Com-
pany, of Elmira, has a retail yard
here and makes car shipments. A J.
Brooks is the local manager.

Geo. Midgley, the veteran planing
mill man, is busy. His mill is turning
out a lot of mill work for local
points. At present he has the con-
tract for the entire mill work on a
building on Park and Yamhill streets
in Portland. Mr. Midgley may later
install a sander and another sticker.

The Eugene Lumber Company is
running steadily. A drive of 4,000-
000 feet has been successfully
brought out of the North Fork of the
Willamette, a distance of 45 miles,
starting on May 20. A 125 horse-
power Buckeye engine, a 200 horse-
power Babcock & Wilson boiler, au-
tomatic slasher and trimmer have
been installed. A set of Albany Iron
Works live rolls have been ordered.
J. B. Hopkins, the president of the
company, is over 70 years of age, and
is as vigorous mentally as a man of
30. The company operates a camp
on the Oregon & Southeastern Rail-
road near Cottage Grove.

Cottage Grove.—J. H. Chambers,
of Cottage Grove, has recently added
a 12x24 Hoyt planer to his Alca
mill. The mill has a capacity of
35,000 feet. Mr. Chambers says he
is satisfied with the present con-
ditions surrounding transportation, it
would be better for the mills to re-
duce their output about 40 per cent.,
as there is absolutely no hope of the
railroad company being able to fur-
nish all the equipment necessary. Mr.
Chambers has about 1500 acres of
fine timber at the head of the Sius-
law river. A short logging road
would make this timber available
to the mill.

The Cottage Grove Manufacturing
Company, of Cottage Grove, has re-
cently installed a 30 horsepower elec-
tric motor in their planing mill.

The Brown Lumber Company, of
Cottage Grove, has a sprinkling of
oak in their holdings. This company
recently made a shipment of oak
lumber to Portland. Three logging
engines are used in the woods. Their
camp is located about two miles from
Cottage Grove on the Oregon &
Southeastern railroad.

Going Double.

Maurice McKibben, of the well-
known firm of McKibben Bros., Cot-

tage Grove, Or., was married on June
22 to Miss Yancey, an accomplished
young lady. Maurice says the car
shortage troubles have entirely dis-
appeared since the new partnership
was formed.

Mabel.—The Sunset Lumber Com-
pany, of Mabel, is running steadily.
Superintendent Samuels is making
some improvements to the plane and
reports a fair supply of cars. The
company has an office in the McKay
building, Portland.

Springfield.—John Brookmeyer, of
Springfield, is cutting about 20,000
feet daily. He flumes his lumber to
the track, about a quarter of a mile.
He will add a 14x60 Kenawee boiler
to his equipment. A Washington
Iron Works engine is used in the
woods.

The Springfield Planing Company
has just started up its mill. The
building is 48 feet square, with a
storeroom 34x34. The power used is
electric. The mill will cater to gen-
eral mill work.

Wendling.—Superintendent Mar-
tin, of the Wendling mill, of the
Booth-Kelly Company, keeps things
moving. Some changes are being
made on the planing mill. The mill
is well supplied with logs. W. S.
Sheaver is superintendent of the
planing mill.

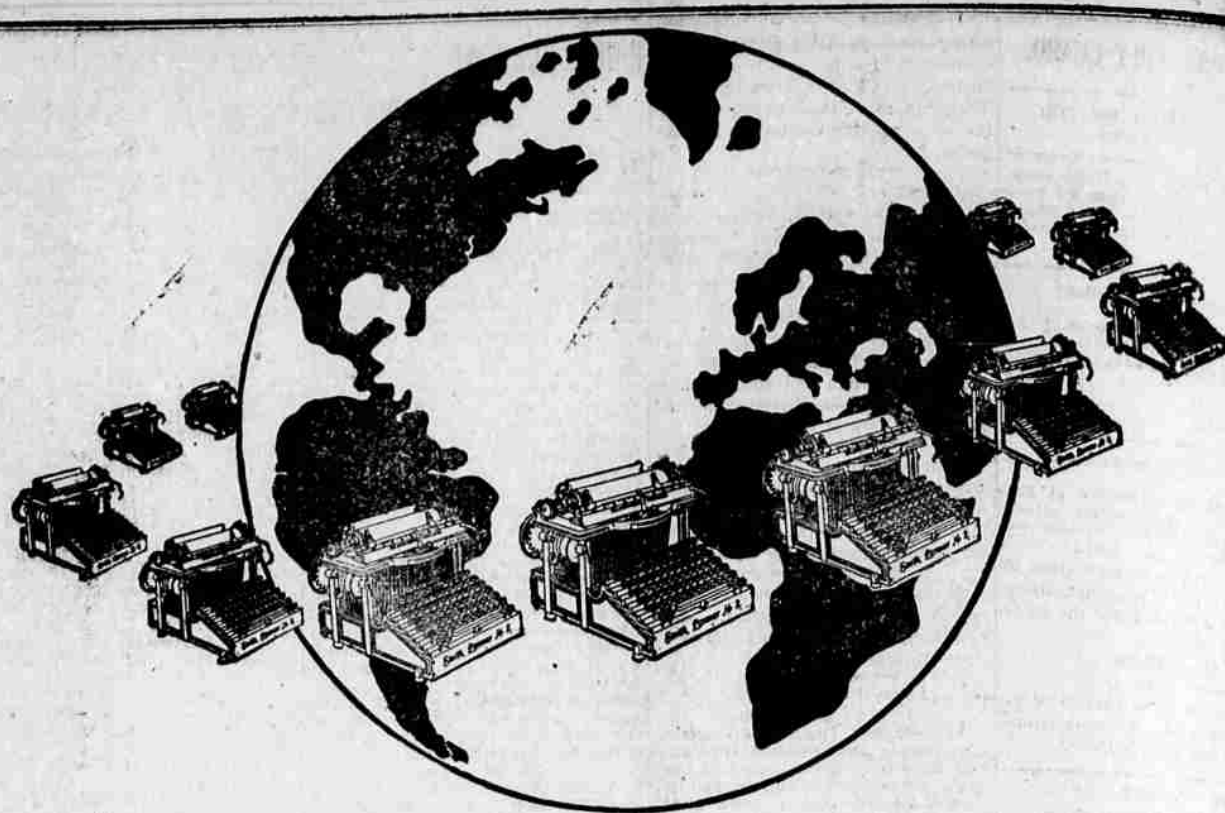
Marcola.—The Mohawk Lumber
Company, of Marcola, is building one
mile of new flume and changing the
loading point, having purchased a
15-acre field about a quarter of a
mile from the present location. A
new sidetrack 800 feet long will be
constructed.

The Briggs Lumber Company, of
Marcola, has moved to Creswell.
Fischer Bros. and Fischer & Bal-
ly, of Marcola, report the car situa-
tion easier.

Springfield-Natron Branch.
The Southern Pacific Company is
operating three mills on the Spring-
field-Wendling branch, cutting about
150,000 feet daily, principally ties.
Frank Button is in charge of the
sawmills.

The following is an estimate of the
cut of the mills tributary to the
Springfield-Wendling branch of the
Southern Pacific:

Name	Capacity—Feet
Booth-Kelly Lumber Co., Springfield	125,000
John Brookmeyer Spring- field	20,000
Hammett Bros., Spring- field (not operating)	10,000
Fischer & Bally, Marcola	20,000
Mohawk Lumber Co., Mar- cola	30,000
Fischer Bros., Marcola	30,000
S.P. Co., Marcola (3 mills)	180,000
Booth-Kelly Lumber Co., Wendling	125,000
	540,000



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vidend profits fund accumulated
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