FOR SALE.
Machinery.

NOW IS THE TIME TO BUY YOUR HIGH-PRESSURE BOILERS.

| | H. P. | Lbs. |
|---|---|---|
| 3 Heinie code boilers | 1000 | 200 |
| 2 Sterling boilers | 512 | 160 |
| 6 Sterling boilers | 500 | 160 |
| 2 Sterling boilers | 460 | 160 |
| 6 B. & W. boilers | 650 | 200 |
| 4 Edgemoor boilers | 500 | 200 |
| 8 B. & W. boilers | 250 | 160 |
| 2 Erie City boilers | 300 | 160 |
| 1 Firebox | 150 | 120 |
| 1 Firebox | 45 | 125 |
| 2 Firebox | 30 | 160 |
| 1 Firebox | 15 | 100 |

1 90x20 Lyons combination.....150
4 72x18 butt-strap.....150
2 66x16 butt-strap.....150
1 66x16 butt-strap.....150
2 66x16 butt-strap.....125
4 66x16 lap-seam.....125

ENGINES.

1 Sylvester engine, 26x32.
12x15 Erie center crank engine.
8x10 Erie center crank engine.

MISCELLANEOUS.

20-in beams, 20 ft. long, at 4c lb.
200 ft., 20-in. stack.
20 valves from 2-in. to 6-in.

EXTRA SPECIAL.

Have just purchased at a price that enables us to sell at pre-war prices: 9 72-in. butt-strap boilers, high pressure, as follows: 1 boiler $1800, 2 for $3400, 3 for $4500, 5 for $7000.

ALSO MANY OTHER SMALLER SIZES OF BOILERS AND ENGINES.

We do all kinds of brazing and welding.

Russell & Co.—1 No. 5656 single cylinder 100 r.p.m. 75 h. p. steam engine, Simple-Horiz. cylinder, 14-in.x20-in.x20-in. stroke, fly ball governor, fly wheel 6 ft. diam. by 20½-in. face steam pipe, 5-in. exhaust pipe, 6-in. shaft 6⅝-in. diam. Crank pin 3¾, piston rod 1-29, 1 32-in. diam.
1 1000 H. P. Engine and Condenser.
Smith Morgan Co.—1 Turbine water wheel, 119 H. P., 47-ft. head, 15-in. single runner, steel encased horiz. cylinder gate, 535 r.p.m. McCormick type with pulley.
G. E. Co.—2 transformers, type A. B., 400 K. W. 2250, 2300 volt., 60 cycle, air pressure ½ ounce, 1 800 K. W. G. E. generator belted exciter switch board panel, complete in every respect.
G. E. Co.—1 transformer, form "H," 2200-2200, 1925; 1650, 275, 15 K. W. single phase.
Allis-Chalmers Co.—1 generator panel, 2300 volts, 75 K. W., equipped with 3 ammeter, voltmeter, exciter and generator rheostats, non-automatic oil switch.
Thomson-Houston—1 D. C. generator, Thompson-Houston, class D, 288; 2 pole 2400 r.p.m., 110 volts, 2 K. W. included iron pulley, 6¼ by 4-in. face.
Thomson-Houston—1 A. C. generator, class A-100, horizontal 1070 r.p.m. single phase, 128 cycles, 2200 volts, 100 K. W. belted type. Main drive pulley missing, exciter pulley 11-in. diam. by 2½-in. face. Field pheastat attached.
G. E. Co.—1 type A. T. B., form M., 400 K. W., class 20-400, A-350, 2300 volt, 101 amperes, 200 r.p.m., A. C. generator.
G. E. Co.—1 type A. T. B., form P, 200 K. W., class 12-200, A-626, 2300 volt, 50 ampere, 500 r.p.m., A. C. generator.
James Leffel & Co.—1 size 17 A, 93 H. P., vertical, Sampson water turbine, 28-ft. head, 570 r.p.m.
James Leffel & Co.—1 size 17 B, 68 H. P., vertical Sampson water turbine, 28-ft. head, 670 r.p.m.
Lane & Bodley Co.—1 125 H. P., 100 r.p.m. 12-in.x36-in. stroke horiz. Corliss engine.
Allis Chalmers—1 Bullock type, 60 cycle, 2300 volt, 18.8 amp., 900 r.p.m., 3-phase generator.
Platt Iron Wks.—1 48-in. Victor vertical water wheel with vertical bearings, yokes and gears.
G. E. Co.—Type A. TL, class 12-150-600 from D 38 ampere, 2300 volt, 600 r.p.m., A. C. generator.
Thomson-Houston Elec. Co.—1 class A 600, form S, 1070 r.p.m., A. C. generator, adjusted for 10 per cent loss.
Thomson-Houston Elec. Co.—1 class D 398, 110 volt, 2400 r.p.m., A. C. generator, adjusted for 5 per cent C. T. load.
S. Morgan Smith—1 200 H. P. 18-in. McCormick horizontal type water wheel.
G. E. Co.—1 type A T B, class 12-150, A 600, form S, 6600 volts, 13 ampere, 600 r.p.m., generator.
286 Never Creep anchors—Complete.
Dole & Co.—1 crude oil gas generator and superheater, both 4 ft., 5 in. in diameter, 17 ft., 8-in. high firebox, 4 ft., 0 in. diameter, 7 ft., 6 in. long, wash box, 5 ft., 0 in. diameter, 5 ft., 0 in. high complete in place.
1 Sturtevant No. 5 blower, belt connected to 1-GE induction motor, type 1 Q 4 7.5 A 1, 800, from K 220 volt, complete in place.
Note.—Switchboard panels for these generators can be had if so desired.
1 Sturtevant No. 5 blower, belt connected to 1 vertical 8-in.x7-in. steam engine.
1 Sturtevant No. 3 blower, belt connected to 1-5-in.x5-in. vertical steam engine.
1 Deane, 7½-in.x4½-in.x12-in. duplex steam pump.
Fairbanks-Morse—1 4½x3¾x4-in. duplex steam pump.
Worthington—1 5x2x3-in. duplex boiler feed water pump.
Worthington—2 4½x2¾x4-in. duplex oil pumps.
Buffalo Meter Co.—2 ¾-in. oil meters.

G. & R. MACHINERY CO.,
503 Gerlinger Bldg., Portland, Or.
Phone Main 8201.

SHINGLE MILL MACHINERY.

3—Sumner upright shingle machines.
1—Chaloner double block shingle machine.
1—Perkins single block shingle machine.
1—Hand shingle repress.
70 feet roller bearing shingle conveyor.
1—38-in. stroke heavy, friction drag saw.
2 heavyr geared log hauls.
1—No. 25 Lowel shingle saw automatic gummer.
3—Hand gummers.
60 6-ft. 6-in. roller bearing dry kiln trucks.
3—Knee bolter arbors.

SAWMILL MACHINERY.

2—Sets of 72-inch screw headblocks.
1—Set of 60-in. screw headblocks.
1—Set of 44-in. rack and pinion headblocks.
1—Complete sawmill hunk with top saw rig, carriage track, etc.
2—No. 1 Curtis mills.
2—No. 3 Curtis mills.
1—6x30 3-saw edger.
1—4x42 3-saw edger.
1—5x30 3-saw edger.
1—Hill steam nigger.
1—6x8 steam feed.
1—8x12 twin engine feed.

WOODWORKING MACHINERY.

1—American single end tenoner.
1—Herbert Baker combination rip and cutoff saw table.
2—California tumbling box board cutoffs.
1—24-in. circular resaw.
1—8x24 Graves & Klushman single surfacer.
1—6-in. 4-side sticker.
1—8-in. American 4-side sticker.
1—12-in. American 5-head sticker.
1—No. 2½ American double spindle shaper.
4—Round-head jointers.
1—Chisel-mortiser with boring attachment.
1—36-in. Crescent bandsaw.
1—36-in. Berlin 3-drum sander.
1—42-in. Berlin 3-drum sander.
1—H. B. Smith combination drum, disc and spindle sander.

MOTORS.

About 100 motors, 1, 2 and 3-phase, both new and second-hand. Send for our list of same.

STAR MACHINERY COMPANY,
SEATTLE, WASH.
OFFICE AND SALESROOMS,
1735 First Ave. S.
SHOP AND YARDS,
207 Horton St.

1 4-BOTTOM tractor plow, 14-inch steel, P. & O. make, automatic lift with rolling coulters, used very short time, price to move it $200.
1 No. 5 Aultman & Taylor clover huller, used very little, drive belt for same.
1 12x25 International gas tractor. Who buys this rig will steal it for $1000 f. o. b. Albany, Or.
See or write VICK BROS, Albany, Or.

BIG SALE on wire cable, rubber belting, all kinds of tools and supplies at lowest prices in the city. J. Leve, 189 Front st.

FOR SALE.
Machinery.

PIPE. PIPE. PIPE.

We have purchased all the pipe from one of the leading shipyards of this city and from most of the shipyards at Astoria, Or. Sizes ranging from ¾-inch to 8-inch, black and galvanized, new and slightly used. In order to make room for incoming stock we are going to sell it at prices that cannot be competed with by any other house in this city.

Special for this week only—100 pairs hot and cold water faucets for lavatories.

BELTING. BELTING. BELTING.

Buy your belting needs from a house that makes a specialty of it. We carry in stock at all times new and second-hand leather and rubber belting from 1 inch to 80 inches in width, all plies. Our prices are the lowest, and we buy direct from the factory. We have about 50,000 feet rubber belting in remnants from 20 to 50 feet at greatly reduced prices. IT WILL PAY YOU TO SEE US FIRST. Get the benefit of the middleman's profit.

SAWS. SAWS. SAWS.

About 4000 crosscut saws, new and second-hand, 65 and 75 cents per foot. Our prices on the band saws is very low, as we must make room.

LOGGERS AND MILLMEN, ATTENTION!

We have a large assortment of COLUMBIA SKOOKUM AND PACIFIC LOGGING BLOCKS; also a large stock of Tommy Moore blocks; also choker and fine hooks and logging equipment. We are in a position to sell these at a great discount.

100,000 feet cable from ½ to 1⅝ inches, new and second-hand, at a very low figure.

All kinds shafting, pulleys, boxings, drums, gear sprockets, chain and all kinds of miscellaneous castings.

MACHINERY.

All kinds used machinery, boilers, tanks, concrete mixers, pumps, shears, punches, blowers, motors, hoists and air compressors.

CONTRACTORS, ATTENTION!

Structural iron I-beams, angles, flat iron, reinforcing irons, square, channel and round iron, far below market price.

WE MAKE A SPECIALTY OF RENTING TOOLS AND EQUIPMENT OF ALL KINDS.

Chain blocks from 1 to 3 tons, all makes, at reasonable prices.

100 screw jacks for sale or rent.

We bought a large job lot of roofing. This stuff is going to sell for less than any other store in the city.

TENTS. TENTS. TENTS.

From all the 500 tents that we have purchased from the U. S. navy we only have about 100 9x9 tents left. We also have about 150 tent flies and wagon covers. As the season is nearing the end, we will close these out at a close-out price.

BLACKSMITHS' AND ROAD CONTRACTORS' TOOLS.

Anvils, blowers, hammers, sledges, wedges, picks, mattocks, tongues, flatters, hardies and shapers.

We are overstocked with vises. We have on hand a large stock of TROJAN AND REED MANUF. bench vises, new and second-hand, at a great discount.

ELECTRICAL SUPPLIES.

We have purchased a large stock of copper wire and copper cable, all gauges, from the STANDIFER and COLUMBIA RIVER SHIPYARDS. We also have a large lot of conduit pipe from ¼ inch to 4 inches. Buy from us and save money.

FIRE PROTECTION.

Fire extinguishers, fire hose, nozzles, etc.

Must move at once: 100 sets 14-inch car wheels for dump cars, with axles, 30 gauge, complete with boxings.
1 10-H. P. firebox locomotive type boiler, in first-class condition.
3 8-H. P. upright boilers, in first-class shape, at a great bargain.
We have on hand several thousand second-hand firebrick.

ALASKA JUNK COMPANY,
Largest on the Coast.
201 Front St. Main 4119.

LOGGERS' AND CONTRACTORS' MACHINERY CO.,
LOGGING AND HOISTING ENGINES.
NEW, REBUILT AND USED LOGGING EQUIPMENT
FOR SALE.
IMMEDIATE DELIVERY.

4 11½x13 Tacoma new compound geared yarder.
1 11½x13 Tacoma yarder, complete with sled and lines.
1 12x13 Tacoma yarder, complete with new sled and lines.
1 12x14 Tacoma yarder, 72-inch round boiler.
1 12x12 Washington yarder.
1 10½x10½ Washington yarder and yarder, new sled and complete with lines.
1 12x12 Washington yarder with sled and lines.
1 10½x10½ Washington compound geared yarder.
1 1½x10 Willamette hoisting engine.
1 10x13 Willamette crack-a-jack.
1 10x13 Willamette road sled and line.
1 10x13 Mundy yarder.
2 8½x10 Willamette loaders.

RAILWAY EQUIPMENT.

1 36-ton Shay standard gauge locomotive, splendid condition.
1 45-ton Climax locomotive.
1 42-ton Climax locomotive.
1 35-ton Climax locomotive.
1 35-ton Baldwin locomotive.
4 sets track with iron work for 50 M. at cars.
3 sets of 70-M. second-hand logging trucks.
1 Rodgers standard ballast car.
2 20-yd. center dump ballast cars.
One-half mile 35-lb. relay rails.
1 14½-yard Bagley grader.

CONTRACTORS' EQUIPMENT.

1 20-ton Brown hoist locomotive crane.
1 ¾-yd. type B Erie steam shovel.
5 No. 1 Curtis mills.
2 No. 3 Curtis mills.
1—6x30 3-saw edger.
1—4x42 3-saw edger.
1—5x30 3-saw edger.
1—Hill steam nigger.
1—6x8 steam feed.
1—8x12 twin engine feed.

WOODWORKING MACHINERY.

1—American single end tenoner.
1—Herbert Baker combination rip and cutoff saw table.
2—California tumbling box board cutoffs.
1—24-in. circular resaw.
1—8x24 Graves & Klushman single surfacer.
1—6-in. 4-side sticker.
1—8-in. American 4-side sticker.
1—12-in. American 5-head sticker.
1—No. 2½ American double spindle shaper.
4—Round-head jointers.
1—Chisel-mortiser with boring attachment.
1—36-in. Crescent bandsaw.
1—36-in. Berlin 3-drum sander.
1—42-in. Berlin 3-drum sander.
1—H. B. Smith combination drum, disc and spindle sander.

MOTORS.

About 100 motors, 1, 2 and 3-phase, both new and second-hand. Send for our list of same.

STAR MACHINERY COMPANY,
SEATTLE, WASH.
OFFICE AND SALESROOMS,
1735 First Ave. S.
SHOP AND YARDS,
207 Horton St.

WERNER & PFLEIDERER Universal kneading and mixing machine; capacity 75 pounds; suitable for bakers or any one requiring a powerful mixer for wet or dry substances; also a 3 and 1-horsepower motor, D. C. Phone Sellwood 2380.

TWO SEWING machines, shafting and tools complete; reasonable. 546 Washington bldg.

FOR SALE—Three 6-inch gate valves. F. C. Stettler, 300 Oregon st.

FOR SALE
Machinery.

ATTENTION.

LOOK OVER THE FOLLOWING EQUIPMENT.

BOILERS.

1—160 H. P. F. B. with stack and fittings, 125-lb.
1—60 H. P. F. B. with stack and fittings, 125-lb.
1—18 H. P. vertical, 36"x96", 125-lb.
1—12 H. P. vertical, 36"x84", 125-lb.
1—9 H. P. vertical 36"x72", 130-lb.
1—8 H. P. vertical, 30"x84", 130-lb.

ENGINES.

1—60 H. P. Naeg's engine.
1—10x12 Atlas, center crank.
1—8x18 side crank.
1—6x8 side crank.
1—5x7 side crank.
1—8x7 Blake vertical.
1—10x7 Blake vertical.

GAS ENGINES.

1—20 H. P. Fairbanks-Morse, type Y semi-Diesel engine.
1—20 H. P. Fairbanks-Morse type gas engine.
1—25 H. P. Fairbanks-Morse type gas engine.
2—1½ H. P. Fairbanks-Morse type vertical gas engines.

HOISTS.

1—7x10 American D. D. hoisting engine, practically new.
1—7x10½ Washington D. D. hoisting engine.
1—5½x8 American single drum without boiler.
1—4x6 double cylinder carge winch.
1—D. D. belt driven hoist, steel frame; capacity 2000 lbs.
1—D. D. belt driven hoist, steel frame; capacity 2500 lbs.
1—Single drum belt driven hoist, wood frame.

CRUSHERS AND SCREENS.

1—No. 10K Gates manganese equipped.
1—No. 7½K Gates manganese equipped.
1—No. 8D Gates manganese equipped.
2—No. 5K Gates manganese equipped.
2—No. 5 Austin manganese equipped.
1—No. 5C Symons manganese equipped.
1—No. 3D Gates manganese equipped.
1—No. 2D Gates manganese equipped.
1—24" Symons disc crusher.
1—36"x14" crusher rolls.
1—Sturdivant dust mill.
1—No. 1 Fort Wayne crusher.
1—48"x20-ft. Standard Gates screen complete.
2—40"x12-foot Standard Gates screen complete.
4—40"x12-foot Standard Austin screens complete.
1—22"x8-ft. screen complete with 30-foot elevator.
1—30"x9-ft. screen complete with 30-foot elevator.

DRAG BUCKETS.

1—¾-yard drag line bucket.
1—¾-yard drag line bucket.
1—1-yard drag line bucket.
1—1¼-yard drag line bucket.

KETTLES AND TANKS.

4—10-bbl. street kettle, S. steel wheels.
1—16-bbl. street kettle, S steel wheels.
1—1-bbl. firebox melting kettle.
1—Patch-pan mounted on wheels.
2—5000-gal. storage tanks.
1—600-gal. tank wagon.
1—40-gal. peeling kettle on wheels.

MISCELLANEOUS.

1—12-ton Bates locomotive.
1—Type O Thew steam shovel.
1—2-sack Austin paver with boom and bucket.
1—1½-cu. ft. Smith mixer, steam.
1—Western Jr. elevating grader.
1—Gas elevating conveyor loader.
1—20 H. P. Crocker Wheeler, 220-volt D. C. motor.
1—75A H. P. Wagner single phase motor.
6—No. 6 Gould rotary pumps (new).
Steel cots and camp equipment.
S. & P. oil burner.

WILLAMETTE EQUIPMENT COMPANY,
617-18-19-20 GASCO BLDG.,
PORTLAND, OREGON.
MAIN 5813.

BURKE MACHINERY COMPANY.

NEW AND USED EQUIPMENT ON HAND FOR IMMEDIATE DELIVERY.

CONTRACTORS' EQUIPMENT.

22—12-yard Western air dump cars.
1—60-M 34-ft. flat car.
1—Model 60 Bucyrus track shovel.
1—70-ton Bucyrus track shovel.
1—Mod. 40 Marion track shovel.
1—¾-yd. Erie revolving shovel on traction wheels, used two years.
1—18B Bucyrus caterpillar shovel.
1—20-ton locomotive crane.
1—8x12 3-drum Mundy hoisting engine.
1—5½x8 DD Washington hoisting engine.
1—3-yd. clamshell.
1—7x10 DD hoist.
6—No. 2½ western wheel scrapers.
8—Tons ⅝-in. drill steel.
1—Smith Chicago paver, capacity 20 feet.
1—Ransom concrete mixer, gas engine driven.
50—1½ cubic yard dump cars, 24-in. gauge.
75—4 cubic yard dump cars, 36-in. gauge.
1—Gates No. 5 gyratory rock crusher.
1—24-in. gauge dinkey locomotive.
1—36-in. gauge dinkey locomotive.

LOGGERS' EQUIPMENT.

1—38-ton Heisler, built 1918.
2—11½x13-in. Tacoma yarders, used 3 months.
1—12x12 Washington yarder, steel frame.
1—9½x10 Smith & Watson loader, 66-in. boiler.
22—Sets 50-M all-steel Russell logging trucks.
2—10x12 Washington halfbreeds.
3—10x15 Tacoma broadface yarders.
200—Tons 50-lb. relay rails.
100—Tons 20-lb. rails.

BOILERS AND ENGINES.

1—50-H. P. 220-volt motor complete.
1—500-K. V. A. 480-volt Westinghouse steam turbo generating set.
1—320-K. W. engine-driven A. C. generator.
1—150-H. P. firebox boiler, 110-lb. pressure.
1—60-H. P. marine type boiler.
1—50-H. P. firebox boiler, 125-lb. pressure.
1—120-H. P. Ball American Corliss engine.
1—60 H. P. Lane & Bodley Corliss engine.
1—Garage air compressor.
1—50-H. P. upright marine engine.
1—24x48 Corliss engine.
Piledriver hammers, gas engines, pumps, tools, etc.

SPECIALS.

1—40-ton stiff-leg derrick, complete with engine and swinging engine.
1—Allman-Taylor 5-M cut mill, complete.

BURKE MACHINERY COMPANY.
Main 1212. 524-23. Main 2619.

WE WILL MOVE ABOUT FEBRUARY 1 to our new building 325 Stark st., corner First, where we will have the largest strictly electrical repair shop in the northwest.
In the meantime we are making special prices on new and used motors.
R. R. POPPLETON.
Marshall 410. 71 Front st.

FOR SALE—One Winstin No. 17 drum type stump puller with cluster cable and root hook, all in good shape and factory guarantee run for 2 years; will sacrifice for a quick sale. Address Denton Killin, Route 1, Sherwood, Or.

FOR SALE.
Machinery.

ENGINES.

1 18x20 Frost engine, right hand.
1 pair 14x20 twins.
1 14x27x18 McEwen, center crank.
1 18x18 Buckeye, right hand.
1 16x20 Brownell, left hand.
1 14x20 Atlas, left hand.
1 14x22 Lane & Bodley Corliss.
1 13x16 Chandler & Taylor, right hand
1 14x14 Ideal automatic, center crank.
1 10x16 Russell, right hand, side crank.
1 10x13 Russell, side crank.
2 9x10 Ames, center crank.
1 8x12 Russell.
1 7½x9 Clarke, center crank.
1 12-horsepower upright.
1 8-horsepower upright.
1 13x18 Ames R. H., side crank.
1 No. 4 Jewel automatic.
1 9x12 Sampson, self-contained, side crank.

BOILERS.

1 25-h. p. Hawks combination water tube and tubular boiler, 150 pounds' working pressure, all steel setting.
1 60x16 standard tubular.
1 80-h. p. locomotive type, firebox, 125 pounds' pressure.
1 60-h. p. open-bottom firebox.
1 44x14 tubular.
1 40-h. p. Russell firebox boiler.
1 40-h. p. Ames firebox.
1 40-h. p. Russell, firebox.
1 25-h. p. Russell firebox.
1 20-h. p. Russell firebox boiler with engine mounted on top.
1 60-h. p. upright.
1 25-h. p. Kewanee firebox.
1 15-h. p. firebox.
1 12-h. p. firebox, submerged tubes.
2 60x16 Ames tubular boilers.
1 54x16 Ames tubular boiler.

RESAWS.

1 8-in. Mershon band resaw, horizontal
1 8-in. Fay Egan, upright band resaw.
1 4-in. Multnomah steam drag saw.

EDGERS.

1 8x66 Portland Iron Works make.

HEAD BLOCKS.

1 set of three 60-in. double I-beam.
1 set of three 52-in. single I-beam.
1 set of three 52-in. Allis-Chalmers, all new, rack and pinion.
1 set of three 52-in. Portland Iron Wks. make.
1 set of three 54-in. Albee cast-iron I-beam.
1 set of three 72-in. I-beam.
1 set of three 66-in. I-beam.
1 set of three 54-in. Albee cast-iron I-beam.
1 set of three 48-in. Portland Iron Wks. make, double I-beam.
1 set of two 60-in. single I-beam.
1 set of two Allis-Chalmers rack and pinion.
1 set of two 48-in. H. C. Albee, single I-beam.

PLANERS.

1 Stetson Ross ready sizer, 16x20, No. 4-A.
1 24-24 timber planer.
1 8x24 Hoyt planer and matcher.
6 6x15 No. 91 Berlin fast-feed planers.
1 6x30 Fay Egan single surfacer.
1 6x24 Sweepstakes four-side.
2 9-inch Houston stickers.
1 6x15 American planer and matcher.
1 6x15 No. 94 Berlin planer.
1 7-inch sticker.
1 2-spindle shaper.

STEAM FEEDS.

1 11x14 Pawling.
1 9x12 Whelan.
1 14x18 steam feed.

MISCELLANEOUS.

1 power shear.
1 No. 48 Phoenix hog.
1 45-inch Sturtevant fan.
1 cyclone to match.

THE J. E. MARTIN CO.,
61 First Street,
Portland, Oregon.

ALL KINDS OF MACHINERY FOR SALE OR RENT.
AGENTS FOR SMITH & WATSON LOGGING EQUIPMENT.
PACIFIC COAST AGENTS FOR WILLAMETTE WIRE ROPE—LARGE STOCK ON HAND.

USED DONKEY ENGINES.

7½x10 Munday logger.
12x12 Wash. comp. yarder.
10x12 Wash. half-breed yarder.
9½x11 Willamette yarder.
7½x10 new Munday hoist.
6½x10 new Munday hoist.
6x8 Lambert hoist.

GAS ENGINES.

1½ h. p. Stat. Rite.
2½ h. p. International.
4½ h. p. Olds.
5 h. p. Stover.
25 h. p. Fairbanks-Morse.

STEAM ENGINES.

12x15 center crank Erie City.
Two 8x7 vertical.
7x8 vertical.
10x12 Wheland C. C.

SHOP TOOLS.

13½x6 Champion lathe.
18x10 Lahman, 9-foot.
18x8 foot L. & D. plain change, geared
9x4-foot South Bend lathe.
18x12 American D. B. G. Q. C. lathe.
20x10 Hamilton plain change lathe.
15½x7 South Bend.
15½x8 South Bend G. A. P. lathe.
11x6 Myers lathe.
15½x8 National D. B. G. Q. C. lathe.
24-inch Ohio shaper.
20-inch back-geared drill.
4-ft. American radial drill.
Three steel power shears.
Stock cold-rolled shafting.

MISCELLANEOUS EQUIPMENT.

60x16 horizontal tubular boiler.
One 60 h. p. Scotch marine boiler.
One 40 h. p. Scotch marine boiler.
Nine boilers 72x15, with stack and breechings.
20-M sawmill, complete.
One lath machine.
One lath bolter.
Stock of Milburn lights.
Machinists' vises.
Two portable gasoline air compressors
5 Std. gauge flatcars.
200 tons 50-lb rails
2 gasoline speeders.
25-ton Baldwin locomotive.
35-ton Std. gauge locomotive.

MOTORS.

Single-phase—¼, 1-16, ⅓, ½, ¾, 1, 2, 3, 5 and 10 h. p.
Three-phase—¼, ½, ¾, 1, 2, 3, 5, 7½, 10, 15, 20, 40, 50, 75, 100 and 200 h. p.
DC—½, 1, 2, 3, 5, 7½, 10, 15, 20 h. p.
Steam and gasoline-driven electric generator sets.

COAST STEEL AND MACHINERY CO.,
50 First street. Phone Broadway 164.

FOR SALE, MACHINERY.

WE HAVE A LARGE LOT OF NEW AND USED CIRCULAR AND BAND SAWS. JUST PURCHASED FROM THE CUT-UP PLANE OF THE SPRUCE DIVISION AT VANCOUVER, WASH. THE MAKES ARE ATKINS, SIMONDS, DISSTON, BURTON, AS WELL AS SEVERAL OTHER MAKES. THESE SAWS CONSIST OF CUT-OFFS, TRIMMERS, MITRE, ROCK AND RIPSAWS. IN ADDITION THERE ARE ABOUT 30 BOXES OF ATKINS SAW BITS, SAW SWAGES, AND PRIBNO SHAPERS. THERE IS A VERY SUBSTANTIAL DISCOUNT OVER THE NEW PRICE ON THESE SAWS, THEREFORE COME IN AND TAKE ADVANTAGE OF THIS CHANCE TO SAVE MONEY IN EQUIPMENT.

ZIDELL-BERENSON COMPANY,
209-211 FRONT STREET.
MARSHALL 1332.

1 72x18 BUTT STRAP, high-pressure return tubular boiler, complete with suspension, bricks, stack, front, all fittings, including oil-burning set and feed water pump, passes 125-lb. city inspection. A bargain if taken at once.

STAR MACHINERY COMPANY,
SEATTLE, WASH.
1735 First Ave. So.

6-H. P. FAIRBANKS gasoline engine, horizontal, heavy duty, good condition, burns distillate; snap at $100. Owner, Main 5534. 705 Board of Trade bldg.

DRAG saws, second hand rebuilt. Wade drag saws at a big saving. Fully guaranteed. R. M. Wade & Co. 822 Hawthorne avenue.

FOR SALE.
Machinery.

USED MACHINERY FOR SALE.

1 40 h. p. firebox boiler and Nagle engine; 1 8x48 Hill steam drag saw; 5 54-inch Allis rack and pinion head blocks; 1 set of 8 IPs rolls; 1 center firebox, 2 oven camp range; 1 No. 260 Berlin circular resaw; 1 small comp. geared gas hoist.

One pr. 11x16 H. S. & G. twin engines thoroughly overhauled and in first-class condition. Donkeys, engines, pumps, boilers, sawmill, shingle mill and box factory machinery; logging equipment, anything in machinery.

R. H. SWEET,
Phone 1059. 220 Finch bldg.
Aberdeen, Wash.

Boats, Launches and Marine Equipment.

HOUSEBOAT, completely furnished, has all modern built-in effects, the best of furniture, telephone, gas, combination gas and wood A. B. range; beautiful solid-oak dining room set, wicker furniture in sitting room, walnut bedroom set and Ivory set, brass beds, new rugs; consists of 5 rooms and bath, large front porch, also built-in back porch, porch swing and grass rug; too many items to mention; must be seen to be appreciated, will give terms to responsible party. Here is the best that floats in the Willamette river. Call Sellwood 1367 or Main 6565 for appointment. (Leaving city.)

HOUSEBOAT of 4 rooms, bath and sleeping porch, newly decorated and in good condition, 15 minutes out, 6c fare. $950, with $300 cash. Also an 18-ft. launch at a sacrifice price. Terms. O. A. Pearce 201 Oregon bldg. Bdwy 4835.

7 H. P. FRISCO STANDARD GAS MARINE ENGINE, GOOD FOR TROLLING BOAT OR HARD TOWING, PERFECT CONDITION; WILL SELL FOR HALF PRICE, $390. FULTON BOAT-YARD, FT. VIRGINIA. MAR. 2605.

FOR SALE—Troll boat Capter, 36 ft. by 9 ft. 6 in. by 4 ft. Powered with 16-horsepower Atlas Imperial heavy duty marine engine. Phone Tabor 6938 or address R. W. Ward, 927 Belmont.

FOR SALE—A large houseboat, excellently finished, parquetry floors, every convenience, and 7-passenger motor boat. Sellwood 2659.

WANTED—A canoe; must be a bargain. Call Marshall 700 week days only. Ask for Ed Medean.

DESIRE to rent immediately, furnished or partly furnished houseboat, yacht club or moorage. P 333, Oregonian.

WANTED—Fish boat, must have Western engine and be very reasonable. V 344, Oregonian.

20x8-FT. FLAT bottom boat, with top; 7½-H. P., Lozier engine in running order. Columbia single sawfish gear. $125.

MOTOR canoe, 18 ft. Sponson, Evinrude, $100; terms $40 down; excellent condition. See at 579 Union ave., north.

$40 BUYS complete equipment of motor boat, including 5 H. P. engine, in first-class condition. P 343, Oregonian.

WANTED—5 or 6-room unfurnished houseboat; good lot in Errol Heights as first payment. Call Sellwood 1994.

HOUSEBOAT, furnished, three rooms and bath. Call Main 3731 Monday for appointment.

WANTED—17-ft. Morris or uncrown canoe, reasonable for cash. AK 341, Oregonian.

NEW 3-ROOM houseboat, only been built one month, must sell at once; price $650. Mr. Henry, 805 Oak street.

TWO NEW 70-H. P. engine boats, $4 per hour. Call Columbia City postoffice.

FOR SALE—New 3-room modern houseboat, $450; terms. AF 346, Oregonian.

NEW SCOW, 24x80x5 feet, built for real work. For price phone Bdwy. 164.

CLASSY houseboat, mostly furnished, finished in ivory; gas, etc. Call 287-37.

ONE 45-65 H. P. reverse gear, also one brass steering wheel. Sellwood 2664.

FURNISHED houseboat for sale, 1 room and bath; modern. Inquire Sellwood 501.

WANTED—3 or 4-room unfurnished houseboat; terms if any. AC 811, Oregonian.

Miscellaneous.

AUTO camping outfit complete, or sell pieces separately. Spring steel bed, tent, handy table, stools and utensils. Cost $115. Sell $75. Main 826.

SAWED timbers and board wood, 16-inch lengths, $6 per load; also 8x12 planks, $12 per thousand. Phone East 6724.

SAVE YOU 50%
SHOTGUNS AND RIFLES
NEWMAN, 128 1st, NEAR ALDER

$175 VICTROLA for $100 cash; pair of indestructible pearl beads, $15, trade for anything same value. Phone E. 8598.

LICENSED independent electrician wires 3 rooms for $12; 5 for $20; guaranteed to pass inspection. Wood, 3791.

FOR SALE—Blickensderfer typewriter, $10. 268 14th st., afternoon and evening.

ONLY $12.50. HOT WATER TANK; HOLDS 30 GALLONS; GUARANTEED. NEWMAN, 128 FIRST, NEAR WASH.

FOR SALE—New bug body, 14 leather seat and back opera chairs, and incubator. 370 East Morrison st. Phone East 2405.

CHICKEN house to accommodate 50 chickens, with several compartments, for sale. $20. Woodlawn 3150.

CASH register, scales, showcases, soda fountain, hot beer installed; must sacrifice this week. 113 Second st.

SWELL Alcazar range, combination wood and gas, self-lighter, only used 2 months, $65 less than price. Call 71 Trinity place.

FOR SALE—Filet net curtains and light blue and yellow cretonne draperies. Mar. 3598.

TWO THINGS I do, and do well—jewelry repairing, watch repairing. Miller, next door to Majestic theater.

SLIGHTLY used dictaphone complete with dictating and transcribing machines and stands. AG 342, Oregonian.

STEAMER trunk for sale; also Russian pony cart, one good brass bed. Telephone Marshall 1009. 284½ Park.

FOR SALE OR TRADE—ButterKist popcorn and peanut machine. P376, Oregonian.

BEAUTIFUL black panne velvet one-piece dress and coat, bargain if sold today; also baby corral. Broadway 5779.

FOR SALE—One double set of heavy working harness. Main 9357.

SELF-ROCKING child's bed; will run 4 hours, $12.50; cost $25. Sellwood 2389.

BAR AND bar fixtures, reasonable. East 4959. 716 Union ave.

NEW, large indestructo wardrobe trunk; used once. $50. Tabor 9420.

FOR SALE—Two diamond rings; very cheap. Call 529-13.

FOR FIRST class electrical repair work and wiring call East 8619.

WOOD heater, oil heater, both like new. Tabor 3924.

HOOSIER kitchen cabinet, like new. 590 Clinton street. Sellwood 398.

50 SHARES American Lifeograph stock. Make cash offer. Tabor 807.

BEAUTIFUL set of Alaska furs. Mar. 359.

COMBINATION range, mallable steel, almost new. Tabor 2329.

COLLAPSIBLE Sturgis buggy, in good condition. $12. Call Sell. 2403.

GOOD PRACTICE MANDOLIN, only $5.00. Hyatt Talking Machine Co., 350 Alder st.

FOR SALE—All-metal drop-side baby bed. Call Tabor 6002. 943 Belmont st.

BICYCLE for sale, excellent condition; cheap. Main 1131.

DOUBLE bed with springs. Call Mar. 5068.

BICYCLE, $12, also girl's and boy's bicycle. 252 Chapman Sunday or forenoons.

LADY'S black suit, size 38. Phone East 324.

MEDIUM-SIZE crayon picture, "The Violinist"; fine oak frame. 671 Kearney st.

FOR SALE—Reeves baby buggy, excellent condition. Tabor 5783.

REED perambulator with reversible body, same as new, cheap. Marshall 1382.

FOR SALE—Sturgis reed baby buggy; good condition. Sellwood 3064.

200 CORDS of fir wood, $4 on the car. Hilson, Wash.

FOR SALE—9x12 rug and heater. 834 Missouri ave.

A SOLITAIRE ring and diamond earscrews. BJ 354, Oregonian.

DROP HEAD sewing machine, good as new. Sellwood 1581.

GAS RANGE with canopy, nearly new. Phone East 4976, or call 606 E. Couch st.

FOR SALE—Large Western sink. Main 1057 Monday.

BABY'S layette, $15, or will trade for bull pup. Woodlawn 654.

DINING table, heating stove, books, etc., for sale cheap. 692 E. Morrison.

FOR SALE—One iron bed and spring and mattress. 321 Wasco st.

FOR SALE—Lady's dress form, one large mirror. 85 10th st., near Stark st.

MAN'S suit, size 42, $15, navy blue. 553½ Washington.

DIAMONDS—Have 1k perfect blue steel; also ½k, bargains. AF 325, Oregonian.

1 NEW ESTATE Novel combination range, A1 condition. 682 E. Oak st. E. 8028.

2 STORAGE batteries and 50 electric bell-ringers, cheap. Main 8471.

FOR SALE—Cheap, one bed Fox light auto truck. 226 Russell st.

FOR SALE—Large millinery counter, large drawers. Call Sellwood 1747 Sunday.

STOCK and dies for pipe; also stocks, dies and taps at sacrifice. Main 826.

OAK BED, davenport with tapestry covering; practically new. 531 College st.

FOR SALE
Miscellaneous.

BURGLARY

by breaking and entering your back door will disappear as dew before the sparkling rays of the sun if you rest your eyes on this 100 per cent reduction in the highest grade hardware obtainable.

CORBIN NIGHT LATCHES.

Perhaps the best buy of the year is our offering of these new Corbin night latches, in the best grade obtainable on today's market at a 100 per cent reduction. A large purchase of these high quality locks, slightly tarnished, but hardly discernable from boxed stock. In the better grades, three solid brass keys. Just consider:
$1.50 grade, now.....1.75
$2.00 grade, now.....1.50
$3.50 grade, now.....1.75

IF IT'