

# MAKING A CHAIN.

The Big Ones and the Heavy Cables Are of Wrought Iron.

SOFT STEEL FOR SMALL ONES.

The Larger Sizes Are All Hand Forged, and In This Work the Metal Must Be of Precisely the Right Heat and the Blows Quick and Sure.

The great bulk of chains, including all cable and mooring chains, are sold by the pound. The price ranges from 3 1/2 to 12 cents a pound, according to the size, material and quality.

All cables and other very heavy chains are made of wrought iron, and there are made wrought iron chains of all sizes down to and including chains of material a quarter of an inch in diameter, but nowadays most of the chain used in comparatively smaller sizes is made of soft steel, such chain being made in sizes ranging by sixteenths from three-sixteenths of an inch to an inch and a quarter.

When the size of a chain is referred to by those familiar with chains, it always means not the link, but the material used in it. Thus a one inch chain would be made of one inch steel or iron. The completed link would be about five or six times as long and about three and a half times as wide across as the thickness of the material of which it was made.

In other days all chains was hand-made, but the modern chain is of soft steel and machine made. There is taken a long bar of steel, which is bent cold around a mandril that is oval in shape. The bar is thus bent into what looks like a spiral spring with its coils not round, but oblong. This spiral is cut up cold in a cutting machine, which cuts it into as many parts as there are coils, each of these being the material for a link, and at the same time the machine spreads each of these sections apart a little at the opening and cuts on each of the two free ends a long scarf or bevel and bends the ends over within the opening.

This bent piece of steel is now in shape, roughly speaking, like a letter U with rather long arms and with its two ends bent over inward. It needs only to have those scarfed ends welded together to make it a link of chain. The chainmaker sits at a foot operated power hammer, with a forge beside him, in which he heats the open links.

He takes from the fire a link suitably heated and hooks it into the chain as far as completed and then pinches the open ends of the new link together under the hammer, and with three or four quick blows he welds the link together. When he takes a hot link from the fire he puts a cold one in, and as he continues to work, it is also a quick and more economical process of manufacture than hand forging, but it has not yet been adapted to chains of the larger sizes.

There are wrought iron chains of some sizes that are machine made, but all wrought chains of material above an inch and a quarter in diameter are hand forged.

Of whatever size the big chain is to be the workmen cut up the iron bars into straight lengths, each suitable to be made into a link. This length of iron is heated, one end at a time, and one after the other the ends are hammered down by hand on an anvil to show the scarves or bevels. Then this straight piece of heavy wrought iron with scarfed ends is swung into link form, and if it is to be a stud or bar chain there is placed within the link before it is welded together the stud or bar. This is a stout little bar of cast iron, with its ends rounded in, convoked to fit the rounding surface of the link iron, the stud being placed across the link inside of it and midway of its length.

Once in place and the link pinched together on its ends the stud could not be got out except by breaking it out with a sledge. Its purpose is to prevent the links from drawing together at their sides and wedging under heavy strains. In a stud chain there is a stud in every link.

With this stud in place and the link bent to shape with the scarves overlapping, the link is again put in the fire to be finally heated for the welding which is done by hand. It takes a blacksmith to handle it and on big chains two or three helpers striking with sledges to do the welding. The iron must be of precisely the right heat, and the blows must be quick and sure to complete the work perfectly before the iron cools.

Stud chain is sometimes made of iron as small as five-eighths of an inch in diameter. From that the iron used runs through various diameters up to three inches and more. A three inch chain makes a tremendous cable, suitable for a five ton anchor.—Harper's Weekly.

### Unlawful.

What the man spent for flowers and candy before his wedding was quite some.

But not a red afterward.

Accordingly the florists and confectioners filed a bill in the federal court.

"This merger," they protested, "is in restraint of trade."—Life.

### A Corn Cure.

Soak feet in warm water to which a little borax and soda have been added. Repeat several days and corn will come out.—National Magazine.

Have something to do, something to love and something to hope for.—Thomas Chalmers.

## To Make First Class Jelly.

"Jelly can be made without adding sugar to the fruit juice, but it requires about six times as much juice for the same amount of jelly when sugar is used, and the product is tough and unpalatable," says Prof. A. B. Milam of the domestic science department of the Oregon Agricultural College in Circular No. 3 on "Principles of Jelly Making."

"From the standpoint of both economy and palatability, therefore, sugar is a very desirable accessory," she continues. "The correct proportion of sugar for fruit juices that are rich in pectin and fairly acidic usually varies from three-fourths (by measure) as much sugar as juice, to equal parts."

"Currants and grapes usually make the best jellies when equal amounts of sugar and juice are used. For apples, red raspberries, black-berries, crabapples, and cranberries, three-fourths as much sugar as juice is more likely to be the correct proportion."

### Cough Medicine for Children.

Too much care cannot be used in selecting a cough medicine for children. It should be pleasant to take, contain no harmful substance and be most effective. Chamberlain's Cough Remedy meets these requirements and is a favorite with the mothers of young children everywhere. For sale by all Dealers.—Advertisement.

### Berry good Business Proposition

"From a strictly commercial point of view the loganberry seems to be one of the best business propositions that is open to the small fruit grower of the northwest at the present time," says Prof. V. R. Gardner of the Oregon Agricultural College.

"If an average of five tons is obtained, this means an income of approximately \$400 an acre," he continues. "With an average yield of only four tons, a very moderate estimate indeed, the income an acre would be \$320. The cost of picking amounts to about \$25 a crate, or \$20 a ton. This leaves a very good margin to cover the cost of production and for profit upon the amount of capital invested."

"Heretofore the demand for loganberries has been more or less limited. The fruit is comparatively soft and not suitable for long distance shipments. With the development of the canning trade and with the discovery that the fruit can be dried to advantage, a very large market is open to it. Canneries are willing to pay about four cents a pound or \$80 a ton for the fresh fruit, the same price that they pay for raspberries and strawberries. They are able to pay this price because they can sell it to practically the same trade that takes these fruits, and it is no more costly to put on the market in cans. Furthermore, it seems very likely that they will continue to pay this price for it, for the prices of strawberries and raspberries will tend to establish a level below which it cannot well drop."

"This is a quick and more economical process of manufacture than hand forging, but it has not yet been adapted to chains of the larger sizes. There are wrought iron chains of some sizes that are machine made, but all wrought chains of material above an inch and a quarter in diameter are hand forged. Of whatever size the big chain is to be the workmen cut up the iron bars into straight lengths, each suitable to be made into a link. This length of iron is heated, one end at a time, and one after the other the ends are hammered down by hand on an anvil to show the scarves or bevels. Then this straight piece of heavy wrought iron with scarfed ends is swung into link form, and if it is to be a stud or bar chain there is placed within the link before it is welded together the stud or bar. This is a stout little bar of cast iron, with its ends rounded in, convoked to fit the rounding surface of the link iron, the stud being placed across the link inside of it and midway of its length.

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## SUMMONS

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF JACKSON, J. S. BERRY, Plaintiff,

vs. Robert Rorford, Defendant. Suit for Divorce. To Robert Rorford, the above named defendant: In the Name of the State of Oregon, you are hereby notified that you are required to appear and answer the complaint of the plaintiff filed against you in the above entitled court and cause, on or before the last day of the time prescribed in the order for publication of summons herein, to-wit: on or before the 5th day of July, 1913, said date being the date of the expiration of six weeks from the date of the first publication of this summons. And if you fail to so appear and answer within said time, for want thereof the plaintiff will apply to the Court for the relief prayed for in her complaint, to-wit:

"For a decree of this court dissolving the bond of matrimony existing between plaintiff and defendant; for an order granting plaintiff the care and custody of the minor child, Robert Rorford, and for such other and further relief as to the Court may seem equitable. This summons is served upon you by publication thereof in the Jacksonville Post, a weekly newspaper of general circulation, printed and published at Jacksonville, Jackson County, Oregon, in accordance with an order of Hon. F. M. Calkins, Judge of the above entitled court, which order was made and signed May 21, 1913, and which order requires said summons to be so published one each week for six consecutive weeks. The date of the first publication hereof is May 24, 1913, and the date of the last publication hereof, on or before which date you are required to answer, is July 5th, 1913.

D. W. BAGSHAW, Attorney for Plaintiff.

### How to Bar-Low the Doctors.

A prominent New York physician says: "If it were not for the fact that doctors would probably be bankrupt." When you contract a cold do not wait for it to develop into pneumonia but treat it at once. Chamberlain's Cough Remedy is intended especially for coughs and colds, and has won a wide reputation by its cures of these diseases. It is most effective and pleasant and safe to take. For sale by all dealers.—Advertisement.

## SUMMONS

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR JACKSON COUNTY. Leon H. Haskins and Gertrude Odgers Haskins, husband and wife and Nannie Barr and W. H. Barr, wife and husband, Plaintiffs,

vs. H. A. Knight, Defendant. Suit in Equity. To H. A. Knight the above named defendant: In the Name of the State of Oregon: You are hereby notified that you are required to appear and answer the complaint of plaintiffs against you now on file in the above entitled court and cause on or before the last day prescribed in the publication of summons herein, to-wit on or before six weeks from the date of the first publication of summons provided in the order of publication of summons herein, which date is the 24th day of May, 1913. And you are hereby notified that if you fail to appear and answer the complaint of plaintiffs herein within said time, for want thereof the plaintiffs, and each thereof, will apply to the court for the relief prayed for in their complaint, which succinctly stated as follows, to-wit: that a decree be entered in favor of the plaintiffs and each thereof, debarring and excluding you forever from claiming or asserting any right, title, interest, lien or estate, either in law or equity, to the following described real property, situated and being in the County of Jackson and State of Oregon, to-wit:

The north-west quarter of the north-west quarter of Sec. 15, and the north-east quarter of the north-east quarter of the north-east quarter of sec. 18, all in Township 33, South of Range 2 West of the Willamette Meridian, containing 80 acres according to government survey, to which said described real property you claim an interest; that certain contract of sale of said real property from these plaintiffs to the defendant be cancelled, and for their costs and disbursements herein.

This summons is published in the Jacksonville Post, a weekly newspaper, published at Jacksonville, Jackson County, Oregon, by order of Hon. F. M. Calkins, Judge of the said Court, which order was made and entered of record on the 14th day of May, 1913, and which order requires you to appear and answer the said complaint on or before the last day prescribed in this summons, to-wit, on the 24th day of May, 1913, the date of first publication of this summons. DEARMOND & DEARMOND, Attorneys for Plaintiffs.

Notice of Sheriff's Sale Under Execution. By virtue of an execution and order of sale duly issued by the clerk of the circuit court of the State of Oregon, in and for the County of Jackson, dated the 13th day of May, 1913, in a certain suit in the Circuit Court for said County and State, wherein Thomas McAndrew as plaintiff recovered judgment against George B. Young, A. T. Brown and Celia E. Brown, his wife, as defendants, in the sum of Six Thousand (\$6,000.00) Dollars, with interest thereon from the 6th day of September, 1911, at the rate of six per cent per annum, and for the further sum of Seventy-one and 45/100 (\$71.45) Dollars, taxes, penalty and interest paid by plaintiff on the premises described in the complaint for the year 1912, and the further sum of Ninety-three and 94/100 (\$93.94) Dollars, paving assessment and interest paid by said plaintiff on said premises that was due October 7, 1912, and the further sum of Five Hundred (\$500.00) Dollars, attorney's fees, and the further sum of sixteen (\$16.00) Dollars, costs and disbursements;

Public Notice is Hereby Given, that I will, on MONDAY, JUNE 16th, 1913, at the front door of the Court House in Jacksonville, Jackson County, Oregon, at the hour of ten o'clock in the forenoon of said day, offer for sale and will sell at public auction to the highest bidder for cash in hand the following described real property, situated and being in Jackson County, Oregon, to-wit:

Lot number six (6) in Block number twenty-two (22) of the Town (now City) of Medford, according to the original official plat thereof, now of record.

This sale is made by virtue of an execution and order of sale on foreclosure of a bond for deed, decreed by the Circuit Court of Jackson County, Oregon, on May 10, 1913, to be a mortgage on said premises, which said bond for deed bears date of September 6, 1910, and is shown of record in Volume 53 at page 108 of the Deed Records of Jackson County, Oregon, and which was executed by Thomas McAndrew in favor of George B. Young, one of defendants in said suit, and assigned by him to the other defendants, and I will sell said real property or so much thereof as may be necessary to satisfy said judgment, attorney's fees, costs and accruing costs.

Dated at Jacksonville, Oregon, on this 15th day of May, 1913.

W. H. SINGLER, Sheriff of Jackson County, Oregon. By E. W. WILSON, Deputy.

## Notice of Sheriff's Sale.

By virtue of an execution and order of sale duly issued by the Clerk of the Circuit Court of the County of Jackson, State of Oregon, dated the 9th day of May, 1913, in a certain suit in the Circuit Court for said County and State, wherein Jerry Nunan as Plaintiff recovered judgment against Clinton Texier for the sum of One Hundred Eighty Seven and 50/100 (\$187.50) Dollars, with interest thereon from the 16th day of April, 1913 at the rate of 8 per cent per annum and Fifty (\$50.00) Dollars attorney's fee, and the further sum of Eleven (\$11.00) Dollars costs.

Public notice is hereby given that I will on SATURDAY, JUNE 14, 1913 at the front door of the Court House in Jacksonville, in said County and State, at 10 o'clock in the forenoon of said day sell at Public Auction to the highest bidder for cash in hand the following described real property.

The South-east corner of Section 8 in Township 21 South of Range 4, West of the Willamette Meridian, in Jackson County, Oregon. This sale is made by virtue of an execution and order of sale on the foreclosure of a mortgage given by said Defendant to said Plaintiff on the above described property, dated November 5th, 1908 and recorded in Volume 23, Page 230, March 8th, 1909 and I will sell the above property or so much thereof as shall be necessary to satisfy said judgment, attorney's fee, costs and accruing costs.

Dated at Jacksonville, Oregon, on this 9th day of May 1913.

W. H. SINGLER, Sheriff. By E. W. WILSON, Deputy.

### Citation.

IN THE COUNTY COURT OF THE STATE OF OREGON FOR THE COUNTY OF JACKSON. In the Matter of the Estate of James Cook, deceased. Citation to Show Cause on Application to Sell Real Property. To Lucinda Denson, William Cook, George W. Cook, Dan Harrington, Susie Lencione, Annie Warner, Mary Pope, Harry Harrington, Frank Harrington, Wesley Harrington, Nora Parker (otherwise known as Nora Bowles), Annie Cook, and John Cook, heirs of James Cook, deceased, and to all other heirs unknown, if any such there be, and directing them and each of them to appear before said county court on Monday, the 24th day of June, 1913, at 10:00 o'clock in the forenoon of said day at the court room of said county court in the County of Jackson, Oregon, to show cause, if any exist, why an order should not be made, authorizing the said administrator to sell so much of the above described real property of the said deceased as shall be necessary, as prayed for in said petition.

And it further appearing from said petition that none of the above mentioned heirs, except John Cook, the petitioner, resides within the state of Oregon; but that all of them, except the said John Cook, reside in the state of California. It is Further Ordered, that said citation be served upon each one of said non-resident heirs by publishing the same in the Jacksonville Post, a newspaper published in Jackson County, Oregon, once a week for four successive weeks prior to June 2nd, 1913. Dated May 1st, 1913.

F. L. TOU VILLE, County Judge.

## SUMMONS

IN THE CIRCUIT COURT OF THE STATE OF OREGON IN AND FOR THE COUNTY OF JACKSON.

Edwin H. Williams, Plaintiff, vs. Oregon-California Development Co., a foreign corporation, defendant. Suit in Equity to Foreclose a Mortgage. To Oregon-California Development Co., the above named defendant: You are hereby notified that you are required to appear and answer the complaint filed against you in the above entitled court and cause on or before the expiration of six weeks from the date of the first publication of this summons, namely, on or before June 28th, 1913; or if service of summons be made upon you personally and without the State of Oregon after order for publication of summons, then on or before the expiration of six weeks from the date of such service upon you; and you will take notice that if you fail to so appear and answer said complaint within said time plaintiff will take a default against you and will apply to the court for the relief prayed for in his complaint, to-wit: for a judgment against you for the sum of \$432.00 with interest thereon from January 10th, 1912 at the rate of six per cent per annum and for judgment for the further sum of fifty dollars attorney's fees and for the costs and disbursements of this suit and for a decree foreclosing that certain mortgage of the said defendant executed to the plaintiff herein of date February 6, 1912 now of record in Vol. 30 at pages 330 and 351 of the Mortgage Records of Jackson County, Oregon and for the sale, to satisfy the aforesaid judgments, of that certain property described in and covered by said mortgage, to-wit: All of Lot Two in Section "D" of the Rogue River Valley Orchard Company's tract, situated in Township 28, South of Range 1 East of the Willamette Meridian in Jackson County, Oregon as shown upon the recorded plat thereof on record in the office of the County Recorder of said County and State.

And for such other, further and different relief as to the Court shall seem equitable.

This summons is published in the Jacksonville Post by order of the Hon. F. M. Calkins, one of the judges of the above entitled court and which said order was made and docketed in Chambers on the 10th day of May, 1913, wherein it is ordered that you appear and answer the complaint on file herein on or before the expiration of six weeks from the date prescribed in said order as the date of the first publication of this summons.

The date of the first publication of this summons is May 17, 1913 and the date of the last publication and on or before which date you are required to appear and answer is June 28th, 1913.

H. K. HANNA, Attorney for the Plaintiff at Jacksonville, Oregon.

If you have young children you have perhaps noticed that disorders of the stomach are their most common ailment. To correct this you will find Chamberlain's Stomach and Liver Remedy its excellent. They are easy and pleasant to take, and mild and gentle in effect. For sale by all dealers.

## SUMMONS

IN THE JUSTICE'S COURT OF THE DISTRICT OF MEDFORD, FOR JACKSON COUNTY, STATE OF OREGON. W. H. Barr, Plaintiff,

vs. S. C. Lee, Defendant. Action to recover money. To S. C. Lee, Defendant: In the name of the State of Oregon: You are hereby notified that you are required to appear and answer the plaintiff's complaint against you now on file in the above entitled court and cause on or before the 9th day of June, 1913, said date being the expiration of six weeks from the day of the first publication of this summons.

And you are hereby notified that if you fail to appear and answer for want thereof, plaintiff will apply to the court for the relief prayed for in the complaint, succinctly stated as follows: for a judgment for the sum of \$133.05, and interest on said sum from the 19th day of April 1913, and for costs of this action.

This summons is published in the Jacksonville Post by order of the Honorable G. O. Taylor, Justice of the Peace in and for the above entitled district, which said order was made and entered of record on the 21th day of April, 1913, which order requires you to appear on or before the last day prescribed in this summons. The date of the first publication of this summons is the 26 day of April, 1913.

MULKEY & CHERRY, Attorneys for Plaintiff, Medford, Oregon.

## Wall Paper!

We have it in all the very latest and most up-to-date designs and shades, at prices that will appeal to you. Make your selection while the stock is complete. Headquarters for All Kinds of Paints, Oils, Brushes, Glass, Etc.

To brighten up your dingy old furniture try **Chi-Namel** at **Fred J. Fick's**

Sell Your Property By listing it with us. We are revising our lists ready for the spring trade. If you have real estate to dispose of at a fair price, place it in our hands for sale, we have a number of prospective buyers who expect value for their money. We can sell your property at a price equal to its full value but do not want any listed at fictitious or "Boom" price.

Rogue River Realty Co. R. R. R. OFFICE: Bank of Jacksonville Bldg., Upstairs. Jacksonville, Ore.

Charles F. Duntford DRA YAGE Express, Freight, General Delivery. Teaming to all Parts of the Country. Nothing too Heavy or too Light. Agents for Colistin Mineral Water. JACKSONVILLE OREGON

Harry Lewis Oscar Lewis Jacksonville Meat Market LEWIS BROTHERS, Props. Dealers In All Kinds of Fresh and Cured Meats. Poultry, Choice lard, Etc. JACKSONVILLE, OREGON

## Change in Southern Pacific Time Table.

Table.	
Effective January 1st, 1910.	
NORTH BOUND TRAINS.	
20 Portland Passenger.....	7:30 A.M.
24 Grants Pass Motor.....	10:31 A.M.
32 Grants Pass Motor.....	4:58 P.M.
14 Oregon Express.....	5:45 P.M.
16 Oregon Express.....	5:58 P.M.
12 Shasta Limited (Mail only).....	2:35 A.M.
SOUTH BOUND TRAINS.	
23 Ashland Motor.....	8:45 A.M.
13 California Express.....	10:52 A.M.
31 Ashland Motor.....	2:24 P.M.
15 San Francisco Express.....	3:35 P.M.
11 Shasta Limited (Mail only).....	5:47 A.M.

## BETTER THAN SPANKING

Spanking will not cure children of wetting the bed, because it is not a habit but a dangerous disease. The C. H. Rowan Drug Co., Dept. 1475, Chicago, Ill., have discovered a strictly harmless remedy for this distressing disease and to make known its merits they will send a 50c. package securely wrapped and prepaid Absolutely Free to any reader of The Jacksonville Post. This remedy also cures frequent desire to urinate and inability to control urine during the night or day in old or young. The C. H. Rowan Drug Co. is an Old Reliable House, write to them today for the free medicine. Cure the afflicted members of your family, then tell your neighbors and friends about this remedy.

# Sell Your Property

By listing it with us

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## Charles F. Duntford

### DRA YAGE

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Harry Lewis Oscar Lewis

# Jacksonville Meat Market

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