

MAKING WIRE.

The Method of Rolling and Drawing the Iron Bars.

Bars of metal four inches square are heated and passed while hot and plastic through rapidly revolving rolls, reducing them to wire rods which vary from one-quarter of an inch to an inch or more in diameter, depending upon the finished size of wire wanted.

These rods, which are formed into coils as they pass through the rolls, are dipped in acid baths to remove loose scale and provide a lubricant for drawing. Drawing consists of pulling rods while cold through holes of gradually increasing diameter drilled in steel plates. During this process the particles of metal become elongated and strained, making the wire harder and more brittle. To restore it to a proper temper it is necessary to heat or anneal it.

When a fine diameter is required there must be repeated annealings and drawings. This may be done until the bar, which originally was four inches square and four feet long, becomes reduced to a diameter of a single thousandth of an inch and extended 13,000 miles in length. Before so fine a size is reached the wire will cut into the steel of the die plate, so the usual die plates must be discarded and the drawing continued through holes drilled in diamonds, the diameter of these diamond dies decreasing by fractional parts of a thousandth of an inch. This wire affords a striking illustration of a material made more valuable by the application of labor.

From the time the bar of metal enters the furnace nothing is added to it. All the work is done with one article, which is passed through rolls and drawn through die plates until it is finished.—Chicago Tribune.

MODERN MARTYRS.

Those Who Entertain, but Who Suffer While Doing It.

"In a periodical the other day," says the amateur philosopher of the Providence Tribune, "I ran across a picture of what had evidently been a musical entertainment or musicale—I took it to have been a musicale for choice. 'The fiddlers had gone, and so had the soloist or soloists and guests. There remained in the foreground the deserted room and a waste of empty chairs, along with the open grand piano.

"The host's head was resting on his arms on a table. The hostess had removed her shoes and was on the verge of collapse. In the background a butler was looking on commiseratingly.

"Now, there's a good deal of that sort of thing first and last the country over. It was true to life, but I never could understand it—that is, nobody has ever explained to me why people who don't enjoy entertaining or being entertained persist in making martyrs of themselves, why anybody does something for pleasure that invariably gives pain?

"A person who puts himself out and wears himself out in the line of duty is comprehensible, but why you should sacrifice yourself when you're pretending to be looking for fun is beyond me.

"The woman who said that her idea of a perfect life from the social point of view would be to be asked everywhere and to go nowhere doubtless expressed the sentiments of thousands, but why go anywhere if you feel that way?"

Corroded by Water.

In a German village an underground lead water pipe was found greatly corroded and perforated. Investigation showed that the soil in which the pipe had lain was permeated by very impure water and consequently contained large quantities of ammonia, ammonium nitrate and other compounds, which had attacked the lead pipe, forming lead carbonate, nitrate, nitrite and chloride. All of these lead salts, except the carbonate, are more or less soluble in water. The carbonate is insoluble in pure water, but is soluble in water containing carbon dioxide. Iron pipes coated with asphalt should be employed for underground conduits. If lead pipes are used they should be imbedded in asphalt.—Scientific American.

Learn to Laugh.

Learn to laugh. A good laugh is better than medicine. Learn to tell a story. A well told story is as welcome as a sunbeam in a sickroom. Learn to keep your own troubles to yourself. The world is too busy to care for your ills and sorrows. Learn to do something for others. Even if you are a bedridden invalid there is always something that you can do to make others happier, and that is the surest way to attain happiness for yourself.—Exchange.

His News.

"The only news I have to tell you," wrot the Billville citizen, "is that the river has ris an' drowned all yer cattle. Yer uncle has broke jail; likewise the widdier woman you wuz a-goin' ter marry has runned off with a book agent. Outside of these here things, we air all doin' well."—Atlanta Constitution.

Slightly Different.

"Ten years ago that fellow borrowed the passage money to come to this country."
"And now he's worth millions, eh?"
"No. He seems sort of thrifless. Ows for his passage money yet."—Louisville Courier-Journal.

In that worthiest of all struggles—the struggle for self mastery and goodness—we are far less patient with ourselves than God is with us.—J. G. Holland.

Washington's Plague Spots

lie in the low, marshy bottoms of the Potomac, the breeding ground of malaria germs. These germs cause chills, fever and ague, biliousness, jaundice, lassitude, weakness and general debility and bring suffering or death to thousands yearly. But Electric Bitters never fail to destroy them and cure malaria troubles. "They are the best all-round tonic and cure for malaria I ever used," writes R. M. James, of Louellen, S. C. They cure Stomach, Liver, Kidney and Blood Troubles and will prevent Typhoid. Try them, 50c. Guaranteed by all druggists.

Seared With a Hot Iron,—cut with a knife—bruised by slammed door—injured by gun or in any other way—the thing needed at once is Bucklen's Arnica Salve to subdue inflammation and kill the pain. It's earth's supreme healer, infallible for boils, ulcers, fever sores, Eozema and piles. 25c at all druggists.

Up Before The Bar.

N. H. Brown, an attorney, of Pittsfield, Vt., writes: "We have used Dr. King's New Life Pills for years and find them such a good family medicine we wouldn't be without them." For Chills, constipation, Biliousness Sick Headache they work wonders. 25c at all druggists.

A Good Position.

can be had by ambitious young men and women in the field of "Wireless" and Railroad telegraphy. Since the 8-hour law became effective, and since the Wireless companies are establishing stations throughout the country there is a great shortage of telegraphers. Positions pay beginners from \$70 to \$90 per month, with good chance for advancement. The National Telegraph Institute of Portland, Ore., operates six official institutes in America, under supervision of R. R. and Wireless officials and places all graduates into positions. It will pay you to write them for full details.

SUMMONS

In the Circuit Court of the State of Oregon for Umatilla County.

Bertie Rogers, plaintiff, vs. Amos F. Rogers, Defendant. To Amos F. Rogers, the above named defendant:

In the name of the state of Oregon, you are hereby notified and required to appear and answer the complaint of the plaintiff filed against you in the above entitled court and suit on or before the 29th day of October A. D. 1909, said date being six weeks from the date of the first publication of this summons, which said first publication will be made on Friday the 17th day of September A. D. 1909, in the Athena Press, a newspaper published weekly at Athena, Umatilla Co., Oregon.

And you will take notice that if you fail to appear and answer the said complaint, or otherwise plead thereto, within said time, the plaintiff, for want thereof will apply to the court for the relief prayed for and demand in her said complaint, to-wit: for a decree of said court dissolving the bonds of matrimony now and heretofore existing between plaintiff and defendant, granting to plaintiff an absolute divorce from defendant, and decreeing to plaintiff other and further equitable relief.

This summons is published pursuant to an order of the Hon. H. J. Bean, Judge of the Sixth Judicial District of the State of Oregon, duly made and entered on the 14th day of September A. D. 1909.

Peterson & Wilson, Attorneys for Plaintiff.

NOTICE OF FINAL ACCOUNT.
In the County Court of the State of Oregon, for Umatilla County.

In the matter of the Estate of John H. James, deceased.

Notice is hereby given to all persons whom it may concern: that Lydia James, administratrix of the estate of John H. James, deceased, has filed her final account and report in the above entitled court; that the court has appointed Monday the 18th day of October A. D. 1909, at the hour of 2 o'clock in the afternoon, as the time and the County Court house at Pendleton, Oregon, as the place where any and all objections and exceptions to the said final account may be heard and the settlement thereof made. The

court further directed that notice thereof be published in the Athena Press once each week for four consecutive weeks, the first publication to be made on Friday the 17th day of September A. D. 1909., and the last one on Friday the 15th day of October A. D. 1909.

Done and dated this the 17th day of September A. D. 1909.

Lydia James, Administratrix.
Peterson & Wilson,
Attorneys for Administratrix.

SHERIFF'S SALE:

Notice is hereby given that under and by virtue of an Execution issued out of the Circuit Court for the state of Oregon in and for Umatilla county, and to me directed and delivered upon a judgment and decree rendered and entered in said Court on the 13th day of July, 1909 in favor of J. S. McLeod, plaintiff, and against W. C. Minnis and Alvina Minnis, defendants, for the sum of \$200 with interest at 8 per cent per annum from August 21st 1909; and for the further sum of \$300 attorneys fees, and for the further sum of \$24.50 costs, and whereas by said judgment it was further adjudged and decreed that the hereinafter described real property to-wit:

The South half, Southwest quarter, Section one; The South half, Southeast quarter, Section two; Township four South, range thirty, E. W. M.

South half, Southeast quarter, and Northwest quarter, Southeast quarter; and the Southwest quarter, Northeast quarter, Section one, Township four South, Range thirty, E. W. M. be sold to satisfy said judgment and all costs, I will on the 16th day of October, 1909; at the hour of two o'clock in the afternoon of said day, in front of the Court house door, in the city of Pendleton, Umatilla County, Oregon, sell the right, title and interest the said W. C. Minnis and Alvina Minnis, had in and to the above described real property on the 13th day of September, 1909, or since then have acquired, at public auction to the highest bidder for cash in hand, the proceeds to be applied in satisfaction of said execution and all costs.

Dated this 14th day of September, 1909.

I. D. Taylor,
By B. C. Wilson, Deputy Sheriff.

NOTICE OF FINAL ACCOUNT.
In the County Court of the State of Oregon for Umatilla County.

In the matter of the estate of Joseph A. Reaville, (true name Rainville) deceased.

Notice is hereby given that the administrator in the above entitled estate has filed his final account therein, and that the judge of the above entitled court has designated, Saturday, September, 18th, 1909, at ten o'clock in the forenoon and the office of the county judge in the county court house at Pendleton, Umatilla County, Oregon as the time and place, when and where hearing on said final report shall be had, and all persons interested are hereby notified to then and there appear and show cause if any they have why said final report should not be approved, the administrator discharged and his bondsmen exonerated.

Dated this 5th day of August, 1909.
Joseph T. Rainville, Administrator.

NOTICE OF FINAL ACCOUNT.
In the County Court of the State of Oregon for Umatilla County.

In the matter of the estate of James Renville, (true name Rainville) deceased.

Notice is hereby given that the administrator in the above entitled estate has filed his final account therein, and that the judge of the above entitled court has designated Saturday, September, 18th, 1909, at ten o'clock in the forenoon and the office of the county judge in the county court house at Pendleton, Umatilla County, Oregon, as the time and place, when and where hearing on said final report shall be had, and all persons interested are hereby notified to then and there appear and show cause if any they have why said final report should not be approved, the administrator discharged and his bondsmen exonerated.

Dated this 5th day of August, 1909.
Joseph T. Rainville, Administrator.

SUMMONS.

In the Circuit Court of the State of Oregon for Umatilla County.

John F. Temple, plaintiff, vs. Walter Cameron, a single man, and John Bergevin, defendants. To Walter Cameron, above named defendant:

In the name of the state of Oregon you are hereby summoned and required to appear and answer the complaint filed against you in the above entitled suit by the plaintiff herein on or before the expiration of six weeks from the date of the first publication of this summons against you; and you are further notified that if you fail to answer or otherwise appear in said suit within that time plaintiff will apply to the Court for the relief prayed for in the complaint filed in the said suit, to-wit: for a personal decree of said Court for the payment against defendant for \$550 and interest thereon at the rate of ten per cent per annum from February 8, 1908, until paid, \$100 attorney's fees and the cost and disbursements of this suit; that the Court also decree that plaintiff's lien by virtue of said mortgage in this complaint mentioned and of that certain mortgage dated February 8, 1908, executed by Walter Cameron to J. B. McDill and assigned to the plaintiff herein, said mortgage covering Lot ten of section 15 in Township 3, North of Range 35, E. W. M. in Umatilla County, Oregon, shall be foreclosed and said real property sold under execution to be issued upon the decree which the court shall render in said case by the sheriff of Umatilla County, Oregon; and that the proceeds thereof shall be applied first to the payment of the costs and expenses and disbursements of suit second, to the sum of money for which plaintiff prays decree in said suit against defendant; that the balance, if any, be paid to the defendants; that any party to the suit may purchase any or all of the said property at such sale. This summons is published pursuant to an order made by the Hon. H. J. Bean, Judge of the above entitled court, on the 31st day of August, 1909 and the first publication thereof is made on the 3rd day of September, 1909.

J. B. Perry, attorney for plaintiff.

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