

FROZE A BLAZE.

MAN DID IT WITH LIQUID AIR IN CORVALLIS WEDNESDAY NIGHT.

Frozen Flame Fell in Flakes to Floor—How the Mysterious and Terrible Fluid is Made—Its Bitter Cold and Awful Heat.

In the college Armory Wednesday night, liquid air actually froze the blaze of a lighted alcohol lamp. 400 people saw it done saw the operator scrape the frozen blaze from the bottom of the kettle containing the liquid air, and finally saw the flakes of solidized flame fall like snowflakes to the floor. Without seeing it done, nobody would scarcely stand ready to believe that a blaze could be frozen. That's why 400 people sat silent and amazed at the performance Wednesday night.

And the liquid air did many other queer things. The stuff looks like ordinary clear water. It is not quite so heavy as water. It is made from the air we breathe. It is ordinary air liquified. The process for liquifying is very difficult and expensive. It was accomplished for the first time about 20 years ago, but only in a very small quantity. Scientists had believed it could be done, and had been trying to do it for years and years before. Five years later an American, invented a process of manufacturing it, which is still in use.

The air has to be reduced to a temperature of 312 degrees below zero before it can be liquified. To do this is laborious. It goes through three appliances called separators, each of which assists in lowering the temperature. And even after the temperature of 312 below is reached, then the air has to be subjected to an enormous pressure in order to liquify it. The pressure is applied in what is called the liquifier, the inner content of which is a system of copper pipe, 4,300 feet or nearly a mile long. Sometimes 2,500 pounds of pressure to the square inch will liquify it, sometimes 2,900 pounds would do it, but often it takes as high as 3,500 pounds pressure per square inch to convert the triply frozen air into liquid air. All this makes its manufacture so expensive that many uses that it will sometime be put to, are not possible now.

A rubber ball, after being immersed in liquid air, burst into fragments as though it were a piece of china, when dropped on the floor in the experiments Wednesday night. The rubber was frozen so hard that it was made brittle as glass. A piece of beefsteak frozen in the same way broke in pieces like china. So did flowers, the petals of which broke in little pieces with a brittleness that was remarkable. A man's handkerchief so immersed in the fluid froze so hard that it too, broke in pieces like glass. A tin dipper treated with it for half a minute when dropped on the table flew into a hundred fragments, as though it had been an antique vase.

The fluid is so cold that it can freeze and brittleize every known metal save four. These are platinum, gold, silver and copper. It is so cold that when brought into contact with it, ordinary air boils it, just as a hot stove boils ordinary water. A volume of vapor ascended all the time when the liquid was being handled in open air. It sizzled like boiling water. On the outside of the cup that contained it a frost quickly appeared, caused by condensation and freezing of the humidity in the surrounding atmosphere. It is so cold, that the operator froze an alcohol thermometer with it in a period of about half a minute, and froze a mercury thermometer in a little longer time.

Though a liquid, liquid air is perfectly dry. It wets nothing that is immersed in it. It freezes it perfectly dry. When the hand touches it, a burning sensation is felt. Though cold to the 312th degree below zero, liquid air is about the hottest thing on earth. A thick piece of felt, ordinarily slow and odoriferous to burn when touched to a flame after immersion in liquid air was consumed with a puff like the explosion of a handful of gunpowder. The same felt when the blaze was applied before immersion, wouldn't burn at all. Cotton similarly treated, actually exploded. The human body, it is said, liquid air will instantaneously consume. What a boon to the murderer, whose chief problem is, how to dispose of the body. Also for crematories in the future when the liquid becomes cheaper. Fal-

con pens, requiring a heat of 2,500 degrees for the purpose, the operator welded repeatedly, easily and quickly and sent them among the audience for investigation Wednesday evening. The Russian government has figured it out that as an explosive, liquid air is twenty times more powerful than dynamite. A Boston man has a plan for keeping houses cool in summer and warm in winter with liquid air, whenever the stuff can be manufactured more easily and cheaply, and there is no doubt that his scheme is feasible. A noted cancer specialist is curing cancer with liquid air. Two applications of it remove a carbuncle, and one cures an ordinary boil. In science, medicine, the arts, and a thousand household and other economic uses liquid air will figure tremendously as discovery with it proceeds in the future.

At Kings Valley.

The logging camps are wanting more men.

Rev. Louer of the old church is attending conference.

Bishop Heil preached at the United Evangelical church Monday evening.

Taylor and Bruce Miller moved their wives up to the logging camp for the summer.

Lloyd Chenoweth and James Warde each have a brand new baby boys, and if you see Dock Frantz just ask him how his boy is getting along.

An agent for the Spaulding Carriage Co, was canvassing the valley last week. He sold a buggy to Jacob Chambers and Link Allen, and a carriage to James Watson, and will likely sell two or three more here.

Farmers here have generally finished their seeding. Grain is looking well and early blooming fruit trees are loaded with blossoms. Sheep shearing has commenced. Hops are growing nicely, and some are training.

Dr Luther has built a summer residence on wheels. He intends to occupy it this summer while he is traveling with his phonograph and stereopticon show. He is to give his first show Saturday in Kings Valley.

Bud Alcorn, our merchant, bargained for a couple of Kings Valley farms, but the owners both changed their minds before they made out the deeds. C. A. Fowler and Vint Davis have gone to Idaho.

Uno.

A Thoughtful Man.

M. M. Austin of Winchester, Ind, knew what to do in the hour of need. His wife had an unusual case of stomach and liver trouble physicians could not help her: He thought of and tried Dr. King's New Life pills and she got relief at once and was finally cured. Only 25 cents at Graham & Worthams.

Wanted.

Twenty to twenty-five teams to haul lumber.

Benton County Lumber Co.

For Sale.

At a bargain, ladies Sterling wheel, good as new. Inquire at TIMES office.

AFTER LUMBER.

MANY BUYERS SEEKING OUTPUT OF SAWMILLS IN BENTON COUNTY.

More Orders Than can be Filled—

Colorado and California Firms Want to be Buyers—Alsea Parents' Meeting—Other Local News.

A car of finishing lumber, bound for Santa Clara, California, passed out Thursday over the C & E from the Benton Lumber Company's yards at Philomath. Another leaves today for San Francisco. The shipment of the company, including those made to the Corvallis yard, now average about a car per day. In a little while, the output will increase to two or three cars per day. The cut of the mill averages now about 30,000 or approximately two cars per day.

The flume, for transporting lumber from the mill to Philomath, a distance of seven miles, is expected to be completed by the 15th inst, the lower end is now within a mile and a half of its final terminus. Lumber is hauled from the mouth of the flume to the Philomath yards at the rate of four loads per team per day. The capacity of the flume per hour is about 20,000 feet. Sixteen thousand feet was transported through it from the mill to its lower terminus the other day in forty minutes.

The telephone line from the sawmill has been completed to Philomath and is in daily operation. The planing of all the lumber output will be done at Philomath as soon as the flume is completed. The planers will be located at the Philomath spur near the camp ground. The engine and boiler and a planer were purchased by Manager Irvine in Portland the first of this week, and next week the erection of the plant at Philomath will begin. The large planer at the saw mill, and the large dry kiln for seasoning lumber are to be moved and made a part of the Philomath plant.

Some idea of the immense activity in the lumber trade elsewhere is indicated by the fact that a big lumber firm in Denver and another in San Francisco has each offered to purchase the entire output of the mill.

HAPPENS AT ALSEA.

Next Saturday—Last Parents Meeting to be Held This Spring.

The last parents' meeting with public schools to be held this spring occurs in Alsea on the second Saturday of May. The Hope Grange and the schools of the valley unite for the occasion. Alsea is noted for enthusiasm in picnics and meetings of like character. It is, therefore, fair to predict a large attendance at the coming meeting. The meeting begins at 11:15 a. m. sharp in Grange Hall. The following program has been prepared.

"The Public School, The Teacher's Part," D. W. Jones, C. G. Springer, Miss Ethel Kyle; "The Directors Part," W. H. Hammersly

N. C. Pickett, C. E. Banton, Washington Tom; "The Clerk's Part," S. N. Warfield, J. E. Banton, Thos. J. Childs; "The Parents Part," Marion Hayden, G. C. Peck, Willis Vidito; "The Pupils Part," W. D. Risley, R. G. Mires, J. C. Dorsey; "Corporal Punishment, Yes or No," A. L. Clark; Home Influence in School," Superintendent G. W. Denman.

Districts No. 41, 42, 7, 29 have been invited to furnish a short literary program.

There will be selections by quartette and singing by audience.

All patrons of our schools, and parents are most cordially invited to bring their baskets with them and to unite with the Grangers during noon hour in having a grand, good time.

ABOUT STREET CARNIVALS.

They Have Stunning Attractions—And Draw Unusual Crowds.

The street carnival and fair to be held in Corvallis June 10-11-12-13 under the auspices of Mary's Peak Camp 126 W. O. W. will be a great advertisement for this city.

These events are builders of trade dispensers of instruction and progress of amusement, while they are of the present the real benefits they bestow come with the future. They sow seeds of progress, and improvement in all the avenues of business is the sum total for the reaping. The late President McKinley affirmed this idea when he said "fairs, carnivals and expositions are the time pieces of progress." In a week's time they do more good for a city or town and their people than any local commercial organization could possibly do in a six months session.

Every assistance in a financial way should be given the local committee by our business men. The money subscribed is to be devoted to adding special features to the program furnished by the Arnold shows, such as brass band, queen parade and coronation exercises, competition drills between uniformed degree teams.

Makes a Clean Sweep.

There's nothing like doing a thing thoroughly. Of all the salves you ever heard of Bucklin's Arnica salve is the best. It sweeps away and cures burns, sores, cuts, boils, ulcers, skin eruptions and piles. It's only 25 cents and guaranteed to give satisfaction by Graham & Wortham, druggists.

Man's Needs.

Are not necessarily numerous, but good food is one of them. A good place to sleep, another. Both can be secured at the Occidental hotel. Chicken dinner on Sunday.

Sheriff's Sale.

Notice is hereby given that under and by virtue of an execution, decree and order of sale, issued out of the Circuit Court of the State of Oregon, for the County of Benton, bearing date of April 18th, 1903, under the seal of said Court, on a decree and order of sale, in favor of A. E. Laws, plaintiff, and against Sarah Stewart defendant, for the sum of one hundred and fifty five dollars, with interest thereon from the 24th day of March, 1903, at the rate of 10 per cent per annum, and for the further sum of thirty dollars attorney fees, and the further sum of \$24.40 costs and disbursements, which said decree was duly entered in said Court on the 24th day of March, 1903, said decree and order of sale to me directed and delivered, commanding me as sheriff of Benton County, Oregon, to sell in the manner provided by law for the sale of real property, on execution, the following described real property to-wit: Lot number four in block number 28 in the original town of Marysville now Corvallis, Benton County, State of Oregon, together with all and singular tenements, hereditaments and appurtenances thereunto in anywise appertaining, and in obedience to the command or order of sale, I will on Saturday, the 10th day of May, 1903, at the hour of one o'clock p. m., sell at public auction, at the front door of the Court House, in the City of Corvallis, Benton County, Oregon, to the highest bidder for cash in hand all the above described premises, and all the right, title and interest of the said defendant in and to said described property to satisfy said decree and order of sale as in said decree specified.

M. P. BURNETT, Sheriff of Benton County, Oregon, Dated, April 18th, 1903.

Sheriff's Sale.

Notice is hereby given that under and by virtue of a decree, execution and order of sale issued out of the Circuit Court of the State of Oregon, for the County of Benton, bearing date of March 29, 1903, under the seal of said Court, on a decree and order of sale in favor of Ruth Dolph Thornton and against the estate of James A. Gauthorn, deceased, for the sum of seventeen hundred seven and 21-100 dollars, in U. S. gold coin, with interest thereon from March 24th, 1903, at 10 per cent per annum, and for the further sum of seventy-one and 99-100 dollars, and for the further sum of one hundred forty and no 100 dollars attorney's fees, and for the costs and disbursements of this suit taxed at eleven and 50-100 dollars, and a decree of foreclosure of the mortgage on the following described real property to-wit: All of lots No 5 and No 6 in Fractional River Block No 3 in the Original Town of Marysville, now Corvallis, County of Benton and State of Oregon, which said decree was duly docketed and entered in said Court on the 24th day of March 1903 in a suit wherein Ruth Dolph Thornton was plaintiff and William F. Kealy, administrator of the estate of James A. Gauthorn, deceased, et al were defendants: said execution, decree and order of sale to me directed commanding me as Sheriff of Benton County, Oregon, to sell in the manner provided by law, for the sale of real property on execution, all of the following described real property to-wit: Lots 5 & 6 in Fractional River Block No 3, in the Original Town of Marysville, now the City of Corvallis, in Benton County, State of Oregon, together with the tenements, hereditaments and appurtenances thereunto belonging or in any wise appertaining, and in obedience to the command or order of sale, I will on Saturday, the 2nd day of May 1903, at the hour of two o'clock p. m., sell at public auction at the Court House door in the City of Corvallis, in Benton County, Oregon to the highest bidder for United States gold coin, cash in hand, all the right title, estate and interest of said defendant in and to the above described real property to satisfy said sums of money due said plaintiff on said decree, execution and order of sale, and costs and accruing costs, as in said decree specified. Dated this 4th day of April, 1903.

M. P. BURNETT, Sheriff of Benton County, Oregon, Dated this 8th day of April, 1903.

Spring Suits HAND-TAILORED \$6 to \$20.



Every man's means is represented in the above range of prices.

The man who wants to pay \$6 will get a good-fitting, all-wool suit that will wear satisfactorily—he is at least sure of six dollars' worth.

The man who wants a suit at \$8 to \$14 will find an immense assortment from which to choose; the materials are fashionable, the patterns desirable.

The man who prefers to spend \$15 to \$20 will get a swell suit in the finest of fabrics. Such a suit at exclusive tailors' would cost him \$20 to \$30. Whatever you wish to spend for a spring suit, you will find here just what you want, in pattern and price, hand tailored, at the store of

S. L. KLINE

CHIPMAN'S GROCERY STORE.

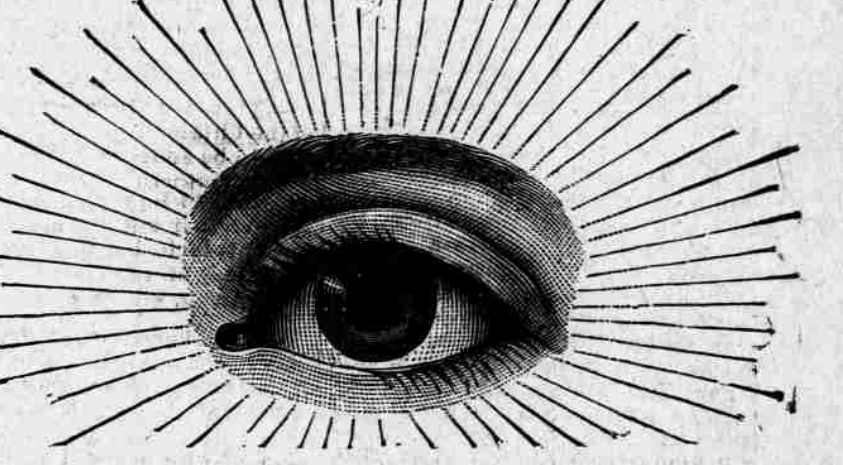
VEGETABLES, FLOUR & FEED. TELEPHONE NO. 338. CORVALLIS, OREGON.

We handle several brands of canned goods, but none which gives so good satisfaction and represents so much value for your money as

MONOPOLE.

When you buy a can of Monopole Coffee, Spices, Baking Powder, or other Canned Goods of this brand, you have our guarantee that it will please you, or money back. Yours Truly, E. C. Chipman.

If You are Having Trouble with your Eyes



Or if you are having trouble with your glasses, and have tried all the so-called traveling opticians without success, come and see me, get a fit that's guaranteed and by one who will always be on hand to make good his guarantee.

E. W. S. PRATT THE JEWELER AND OPTICIAN.

Administrator's Notice to Creditors.

Notice is hereby given that the undersigned has been appointed administrator of the estate of Kinman Vanderpool, deceased, and all persons having claims against said estate are hereby required to present the same duly verified as by law required to me at Wells, Oregon, or at the office of Yates & Yates, Corvallis, Oregon, within six months from this date.

Dated at Corvallis, Oregon, this 7th day of February A. D. 1903. VIBORG A. CARTER, Administrator of the estate of Kinman Vanderpool, deceased.

Notice of Final Settlement.

In the matter of the Estate of T. P. Waggoner, deceased.

Notice is hereby given that I, M. M. Waltz, as administrator of the estate of T. P. Waggoner, deceased, have filed my final account as such administrator with the Clerk of the County Court of Benton County, State of Oregon, and the said court has fixed Saturday the 9th day of May 1903, at the hour of 10 o'clock in the forenoon of said day as the time, and the county court room in the court house in Corvallis, Oregon, as the place for hearing any and all objections to the said final account and for settlement thereof.

Dated this April 11, 1903. M. M. Waltz, Administrator of the estate of T. P. Waggoner deceased.

Notice for Publication.

Timber Land, Act June 3, 1878. United States Land Office, Roseburg, Oregon March 12th, 1903.

Notice is hereby given that in compliance with the provisions of the act of congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada and Washington Territory," as extended to all the Public Land states by act of August 4, 1892, of Toledo, county of Lincoln, state of Oregon, has this day filed in this office his sworn statement No 437 for the purchase of the S 2 of SW 1/4 being lot 48 1/2 SW 1/4 of Sec No 30 in Township No 14 S Range No 6 West, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes and to establish his claim to said land before Victor P. Moses, Clerk of Benton County, Oregon, at Corvallis, Oregon, on Friday, the 19th day of June, 1903.

His names as witnesses: John W. Hyde of Philomath, Oregon. A. L. Clark of Alsea, Oregon. A. D. Perkins of Toledo, Oregon. Charles Kreyer, of Corvallis, Oregon.

Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 19th day of June, 1903. J. T. Bridges, Register.

Notice of Final Settlement.

Notice is hereby given that the undersigned, administrator of the estate of Sarah Howard, deceased, has filed his final account in said estate in the County Court of the State of Oregon for Benton County, sitting in Probate and on Saturday, May 9th 1903, at the hour of ten o'clock a. m., at the County Court Room in the Court House in Corvallis, Benton County, Oregon, is the time and place fixed by the Court for hearing objections, if any, to said final account and settlement thereof.

M. M. WALTZ, Administrator. Dated this 8th day of April, 1903.

Notice of Final Settlement.

In the Matter of the Estate of Elizabeth Elliott, deceased.

Notice is hereby given that I, Ernest Elliott, as administrator of the estate of Elizabeth Elliott, deceased, have filed my final account as such administrator with the Clerk of the County Court of Benton County, State of Oregon, and the said court has fixed Saturday the 9th day of May, 1903, at the hour of 11 o'clock in the forenoon of said day as the time, and the county court room in the court house in Corvallis, Oregon, as the place for hearing any and all objections to the said account and for settlement thereof.

Ernest Elliott, Administrator of the estate of Elizabeth Elliott, deceased.

E. Holgate ATTORNEY AT LAW JUSTICE OF THE PEACE

Stenography and typewriting done. Office in Burnett brick Corvallis, Ore.

B. A. CATHEY, M. D., Physician and Surgeon.

Office, Room 14, First National Bank Building, Corvallis, Ore. Office Hours, 10 to 12 a. m., 2 to 4 p. m.

Nut Butter Is a very popular substitute for fats and oils. At Zierolf's.



Hon. W. P. Elmore, of Brownsville, Prohibition Candidate for Congress, Second District.