

UMPHREY & MACKIN

The Cash Economy Store

CHRISTMAS MONEY GOES FURTHER HERE

Gordon
HOSIERY
FOR WOMEN

Gordon Hose stand for the Best. More thread used in the making of Gordon Hose than any other at the same price. Besides having double soles, they are full size and very elastic, which means better wear. Color is absolutely fast. A pair



Gordon
HOSIERY
FOR MEN

Made with linen heel and toe, in black and a variety of colors.

A Pair, 23c
2 Pair, 45c

20c

Neckties to match hose, put up in Christmas boxes. Each 25c to 50c

Handkerchief Special

Ladies' pure-linen, embroidered handkerchiefs that sell regularly for 25c each, priced specially for Xmas, at 3 for 50c

Umbrellas

No Xmas present is more useful than a good umbrella. We have them for either ladies or men. Made with detachable, plain or fancy handles. Each 75c to \$2.95

Grocery Specials

6 cans Yellowban milk 50c
4 lb. Peaberry blend coffee 90c
Home made mince meat, a pound 15c
Filberts, Brazils or Walnuts, a pound 20c
Seedless raisins, a pound 12c
Blue-stem, best patent hard wheat flour, a sack \$1.35

Men's Dress Shirts

A Hallmark dress shirt makes a splendid present for any man. Shown here in all the new patterns 95c. Our cash price 95c
6 Slidewell Collars, 69c

Silk Hose Special

Ladies' black, pure silk hose with double soles. Special for Xmas. A pair 38c

Red Cross Christmas Seals on Sale

FACT NOT USUALLY KNOWN

TWENTY-FIVE AND A QUARTER TIES IN S. P. SYSTEM.

Maintenance Department Gives Some Interesting Facts Concerning Amount of Material.

One-seventh of the twenty-five and a quarter millions of railroad ties that are in the Pacific system of the Southern Pacific roadbed have to be taken up each year and replaced with absolutely new ones. These ties, before being placed in the roadbed, must be treated either by creosote or with a chemical preparation, known as the burnettizing treatment, before they can be used.

These interesting facts are taken directly from a statistical report of the

the mile, more than 240 miles of the Southern Pacific roadbed is rebuilt each twelve months. During the last ten years 20,098,490 ties in the roadbed of this road were taken up and replaced with new ones. Pine, fir, oak, cedar and redwood are the woods used by the Southern Pacific for its ties. With the single exception of the redwood, all are subject to the preservation process. The burnettizing process consists of forcing chloride of zinc into the wood cells. A vacuum treatment is first applied. The ties are placed in a cylinder, steamed for the purpose of softening the wood cells, then the vacuum is applied to extract the sap and water from the wood. After this the chloride of zinc is applied. More than half a day is required for this process, after which the ties are treated to a sun bath for several weeks. The creosoting process is essentially similar to burnettizing, except that dead oil of coal tar is used in place of zinc solution.

There are four spikes in each tie and two tie plates. Bring your mathematical talents into play. The answer is 101,000,000 spikes and 50,000,000 tie plates in the Pacific system of the Southern Pacific. The tie plates weigh 6 1/2 pounds each, the spike a half pound, making a total of 681,950,000 pounds of metal attached to these ties, not counting, of course, the rails, which weigh 90 pounds to the yard, and the numerous tie rods.

A HOLD-UP WAS FEARED

maintenance of way department of the Southern Pacific company. They are positively accurate. Besides this, there are a few truths about railroad operation that are seldom given to the readers of the newspapers.

There are a little more than twenty-five and a quarter million ties on the Pacific system of the Southern Pacific. At the renewal rate of one-seventh each year, and average of 2800 ties to

CAT RANCH IS SKINNED.

Unique Method of Making Sheep Raise Own Feed.

Seeing the account of the proposed large cat ranch near Irving recalls to mind the famous sheep ranch of Herman Steinhauer at Green Leaf, in the Lake Creek country, writes a reader.

This sheep ranch, with its peculiar methods, is not to be a thing of experiment, but is being operated today and can be seen by any one at any time by driving along the road by Mr. Steinhauer's place.

The scheme first originated when the sheep were being fed. Some grass seed lodged in the wool on the sheep's back and the sheep then going out to pasture in the rain, the grass seed

Second Hand Stove?

If you have one for sale, inquire at Sentinel office.

Clean Rags

Wanted Any Quantity at Sentinel Office

A hold-up of the Shasta Limited was feared Wednesday night and men from the sheriff's office accompanied the limited and other night train's between Eugene and this city. Trainmen on the Roseburg local had noticed men beside the track acting suspiciously and notified the sheriff, who took the precautions stated.

All cut glass 25 per cent discount at Scholl's.

sprouting and a fine crop of grass sprung up on the backs of the sheep. Being a man of ingenious sort of mind, Mr. Steinhauer immediately sowed grass seed on the backs of all the sheep. As soon as the grass had grown to sufficient size the sheep were allowed to pasture on one another. The grass would keep the sheep warm, and the warmth from the sheep would cause the grass to grow prolifically; an occasional shower would furnish all the moisture required; three crops of hay were harvested in a single season from the sheep and Mr. Steinhauer was compelled to build a large new barn this season to hold his surplus hay. Pasture for the entire flock is furnished, aside from the crop harvested. The shearing is done with an ordinary mowing machine and as a certain amount of shoddy is used in the manufacture of woolen goods the hay is left in the wool for that purpose.

The surplus hay is used to feed the sheep just after shearing, as the wool being so short at that time, the growth of the grass is rather slow for a short time.

What would make a more lasting and pleasing Christmas present than a correctly fitting pair of spectacles. Give me your order and I will give you a due bill good on a pair of correctly fitting spectacles, to be fitted at their convenience at Scholl's.

TERSE TALES OF THE TOWN

MANY MATTERS OF MORE THAN PASSING MOMENT.

Gleanings From Here, There and Everywhere By The Sentinel Reporters—Personal Notes.

Cody Stewart visited friends here Sunday.

Get that pretty and durable doll cart at Kinter Bros.

J. V. Stewart was here from Woodburn over Sunday.

J. W. Dow, of Portland, this week purchased two acres of land from John H. Hull at Latham, the consideration being \$100 an acre. Mr. Dow will immediately build a home and start improving the property.

Hand-painted china at 25 per cent discount at Scholl's.

Marshall Snodgrass got another call Wednesday to take the bloodhound to Eugene, but this time the dog was not able to run down the man.

C. M. Parker was in Eugene on business Wednesday.

We are closing out our fancy dishes at prices that you can't afford to pass up. Come in and examine them. Brund & Co. D15-22.

Some repairs have been made to the roof of the Christian church during the past week.

The 6-months-old baby of Mr. and Mrs. P. H. Chalafoue, of Diastion, died Wednesday of pneumonia and was buried yesterday at Walker.

Yum! Yum! Chicken pie tonight. Presbyterian ladies.

C. W. Parker was in Eugene Wednesday.

Mr. and Mrs. F. C. Coffman left Saturday for a month's visit in Wisconsin, Iowa and Nebraska.

Call and inspect Madsen's line of cut glass and silverware. The most complete line in the city.

W. L. Baker, formerly assistant postmaster here, was here from Kansas City on business Wednesday.

Cut glass at 25 per cent discount at Scholl's.

A district K. P. convention may be held here in the near future. An invitation, with this end in view, has been extended by the local lodge to the other lodges of the district at Eugene and Roseburg, but replies have not been received as yet.

See yourself as the camera sees you. We will endeavor to get out in time for Christmas all work received before Thursday. ARMSTRONG & DEAN.

Mrs. J. J. Gross returned from Eugene Wednesday.

Abe Bangs and D. H. Porter went to Yoncalla this morning.

The most complete line of watches, ladies' or gents', in the city. Nothing nicer for a Christmas gift. Call and see them; they go for cost until Christmas at Madsen's.

Miss Hazel Hemenway is visiting at the S. D. Read home in Eugene.

Jardinieres and fancy dishes on sale next Saturday, Dec. 16th. 300,000 votes with each dollar. Brund & Co.

Miss Vivian Vaughn returned Tuesday to her home in Sacramento, Calif., after a few months' visit with friends here.

W. W. Cochran, who was here from Blue River, went to Eugene Monday.

Nice mantle clocks at \$3.50, at Scholl's.

Deputy Sheriffs Fisk and Fields were down from Eugene Wednesday to take J. Pippenger to the county seat for examination as to his sanity.

Dr. F. W. Robbins has moved to the house, corner of Fifth and Tennessee, recently vacated by Mrs. C. R. King.

If you want the best Stock Food on the market, we have Drs. Hess & Clark's. Every package guaranteed to do the work or we will give you back your money. All you have to do is to feed it according to directions, then if you are not satisfied, bring us back the empty package and we will refund your money. Brund & Co.

Both of the banks of the city are now resplendent with gold leaf window signs.

E. C. Lockwood and J. W. Petrie were Eugene visitors Wednesday.

J. E. Young was in Eugene on legal business yesterday.

Boy's watches at Scholl's \$1.00 and \$2.00.

B. K. Lawson returned yesterday from a business trip to Portland.

We have all kinds of Christmas tree decorations. Everything to make a tree look pretty. Brund & Co. D15-22.

Mrs. J. K. Barrett and Mrs. F. A. Chase spent yesterday visiting in Eugene.

Miss Ella Clark was in Eugene Wednesday.

H. L. Ross and Robt. M. Betts, two mining experts, went up to the Champion mine Monday, returning Wednesday. They report a foot of snow.

L. W. Baker was in Eugene Monday.

One of the prettiest toy windows in the city is that at Lurch's, which was arranged by C. C. DuBruille.



WHAT the Well Dressed Woman Says About Armor Plate Hosiery

We made it a point to talk with a number of women about Armor Plate Hosiery and they all tell us the same story—

"We wear Armor Plate Hosiery because we have found it the one absolutely dependably Stocking. We get better service—more satisfaction and yet have to pay no higher price."

Pretty much the same story everywhere. And remember, Armor Plate is also made for the youngster who is rough on stockings—and for the girls and men, too.

It's all a dyeing secret—and Armor Plate wearers get the benefit of our experience. It's really worth your while to know the secret of Armor Plate. Won't you ask us?

THE LADIES TOGGERY

MARY BARTELLS, Prop.

4th and Main Streets :: Cottage Grove

Rev. L. A. Gibson came down from Eugene yesterday, and will remain over Sunday.

Get a package of Dr. Hess' Poultry Panacea. It will make your hens lay, or your money refunded. Brund & Co.

At a meeting of the Cottage Grove Co-operative Co. Tuesday the following officers were elected for the ensuing year: Chas. Miller, president, to succeed Thos. Pierce, who had resigned and moved to Eugene, auditor, E. R. Crow, directors, M. M. Wheeler, A. W. Veatch, John Skaggs, R. H. Mosby.

Do not forget that Scholl will give with every \$5.00 purchase a decorated china dish.

Joe Eddy has bought the interest of S. H. McKernan in the firm of Barker & McKernan. The name is now Barker & Eddy.

Christmas candles 5 cents per box at Brund & Co.'s. D15-22

E. R. Spencer, of Veatch & Co., has been in southern Oregon this week looking after several real estate deals that are pending.

Harvey Taylor was in Eugene Monday night.

H. D. Pearson writes that they have arrived at Auburn, Calif., o. k. and want the Sentinel changed to that address. He says the weather is lovely, the roads dry and dusty, but that they are pleased with the place.

Our stock of jewelry and watches is larger this year than ever before, and prices to suit everybody. SCHOLL'S.

J. L. Senter returned Saturday from a meeting of the state creamery men at Portland. He reports a well-attended and enthusiastic meeting.

Scholl has a nice line of fancy manicure and embroidery scissors, large, small. Make your mother or sister a Christmas present of one from 50c to \$2.00.

Do your Christmas shopping early.

Do Away With Mud and Dust.

The most important problem facing road building today is that of alleviating the dust and mud nuisances. For this reason special attention will be given to experiments with asphalts, tars, oils and salts now being conducted in the U. S. office of public road and in many states, at the special short course in highway construction at the Oregon Agricultural college Jan.-Feb. 3. These methods will be discussed and compared, both as to cost and as to efficiency.

The use of the split log drag, the road grader, and other equipments necessary for both earth and hard surface roads will be explained, the systems of organization and administration in other states will be discussed and compared, and a special, careful study will be made of those best adapted to conditions in Oregon.

WHAT ABOUT SOCIALISM?

REV. SUTCLIFFE

M. E. CHURCH, SUN., DEC. 17, 7:30 P. M.

BE IT KNOWN TO THE CITIZENS OF COTTAGE GROVE

That we desire the privilege of showing you a beautiful collection of Gifts sparkling with the brightest and most original production of the season.

Rarely will circumstances permit of the presentation of such an admirable Assortment of Presents and such exceptional advantage for gratifying individual preference in the selection of Appropriate Articles.

A Merry Christmas Twice Over—One for the Buyer, who, seeing and enjoying All of the beautiful display, finds just the right article and, once again for the Lucky Person who receives it.

Best Holiday Selections of the year. You are cordially invited to come in and see our elaborate preparations for Christmas.

Those coming early naturally choose from the most complete assortment. Make your selections now.

THE MODERN PHARMACY

"THE REXALL STORE"



Help build up your Home City by Buying

Pride of Oregon

Made in Cottage Grove