

The Halsey Enterprise

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Devoted to the material upbuilding of Halsey and surrounding country and Linn county generally. Subscription rate \$1.50 per year in advance.

The Electrolytic

Cleaning of Silver

A few years ago the so-called electrolytic method of cleaning silver was introduced to the public and several forms of the cleaners are now to be found on the market. In this method the silver is cleaned by bringing it into actual contact with aluminum in a solution of electrolyte. As this form of cleaning is becoming quite extensively used and questions are frequently asked about its efficiency and its effect on the silver, information is desirable regarding the principal and the details of the process.

As an understanding of the factors which influence the tarnishing of metals, and a knowledge of efficient methods for removing tarnish are necessary for the proper care of household equipment, a detailed study of the subject has been made and the following summary is the result of this investigation. The main object of this investigation was to determine the value of the method when operated under household conditions. Preliminary tests were made to determine the efficiency of some of the cleaners already on the market.

A representative form of commercial cleaner consists only of a zinc disc to the top of which are welded some aluminum wire grids. This may be used in any kettle but the silver must be placed in direct contact with the wire grids. The cleaning tests conducted in the laboratory indicate that silver may be cleaned equally well by any of these devices altho some are more expensive than others.

Unlike most other metals, gold and silver are not tarnished by the oxygen, water vapor, or carbon dioxide present in the air. Silver, however, readily forms black silver sulphid on coming in contact with sulphur compounds which are contained in rubber, wool, and foods like eggs. Two general methods of removing this tarnish are now in use. A comparison of the common method of polishing with some abrasive such as whiting or pumice, and the electrolytic method is quite decisive in its result. For each cleaning the ordinary teaspoon will lose on an average .00006 grams of silver, by the electrolytic method, while by rubbing with some commercial silver polish they will lose approximately 25 times as much. After several cleanings by the electrolytic method, however, it may be desirable to polish them by hand as this method gives them a satin finish rather than a high polish. After one has tried both methods of cleaning silver it is obvious that much less labor is involved in the use of the electrolytic than the polishing method. As washing soda (soda carbonate) and table salt are to be found in most homes, and since a piece of aluminum or zinc can be purchased for a few cents, the cost of the two methods need not differ very much.

A HOUSEHOLD METHOD

The details of a satisfactory method for household use are essentially as follows: An enamel or agate ware dish should be partly filled with a cleaning solution of one teaspoonful of either washing or baking soda, and one teaspoonful of common salt to each quart of water and placed directly on the stove to

boil. A sheet of aluminum or zinc should then be dropped into the dish and the tarnished silver place in contact with this metal. The solution should entirely cover the silver and remain at the boiling temperature. As soon as the tarnish is removed, rinse the silver in clear water and wipe with a soft cloth.

Aluminum corrodes quickly in the cleaning solution so that dishes of any value should never be used. Zinc may be used instead of aluminum, but it becomes corroded and inactive in a much shorter time.

In the presence of sodium carbonate, aluminum becomes negatively charged and the silver accordingly becomes positively charged as the current flows from the aluminum to the silver thru the solution. In other words such an arrangement of metals in an electrolyte may be called an electric battery.

G. G. STEVENSON,
Efficiency Engineer of the
Western Electric Co.

ROAD BOND

MEETING

Much interest is being manifested in the mass meeting to be held at the Opera House Thursday evening, May 24, at which time the road bond bill will be discussed. S. Benson and J. Bowerman, of Portland, will speak for the bill, and it is possible that Mr. C. E. Spence, Master of the State Grange, or some other prominent man, will be present to speak in opposition to the bill.

KALOMITE

The Laundry Marvel

This sanitary, scientific product, manufactured from pure ingredients, is one of the greatest discoveries of the age and is Woman's Greatest Washday Friend.

Use of washboards or washing machines no longer necessary. KALOMITE separates and removes dirt and stains from white, colored, woolen, silk or any kind of clothes and laces, quickly, surely and completely and economically without injury to the fabric or hands. KALOMITE is not a powder, liquid or wax. Satisfaction guaranteed, it never fails. Enough for three ordinary washings, 15 cents. Send stamps for trial package. Local distributors wanted. G. H. RAREY, General Distributor, Lebanon, Ore.

Dr. Ernest M. Kenyon

DENTIST

405 FIRST NAT'L BANK BLDG.
ALBANY

Church Announcements

FIRST METHODIST EPISCOPAL CHURCH.

Preaching every Sunday at 11 a. m. and 7:30 p. m. Sunday School at 10. Prayer meeting Thursdays at 7 p. m. Ladies Aid Wednesdays at 1:30. Class meeting first Sunday of each month at 12 m. Bible Study Class every Wednesday at 7:30 p. m.

Rev. J. D. Cain, pastor.

CHURCH OF CHRIST

Bible School at - 10:00 a. m.
Preaching Service 11:00 a. m.
Christian Endeavor
Expert Class - 6:15 p. m.
Christian Endeavor 6:30 p. m.
Preaching Service 7:30 p. m.
Teacher Training Class and
Prayer Meeting, Thurs. 8 p. m.
Joseph Boyd, Minister

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ALL NEWLY DECORATED

Every convenience

Private phones in every room

Convenient to business and shopping districts

SPECIAL RATES

By week or month

Rates 50c, 75c, \$1.00, \$1.50

Notice to Men and Boys

Spring is here. Come in and get cleaned up so thoroughly that you may be regarded as "fine appearing."

Shaves, Haircuts, Baths, Cleaning and Pressing. Laundry sent Mondays.

E. C. MILLER
BARBER

A Symbol of Health

The Pythagoreans of Ancient Greece ate simple food, practiced temperance and purity. As a badge they used the five pointed star which they regarded as a symbol of health. A red five pointed star appears on each package of Chamberlain's Tablets, and still fulfills its ancient mission as a symbol of health. If you are troubled with indigestion, biliousness or constipation get a package of these tablets from your druggist. You will be surprised at the quick relief which they afford. Obtainable everywhere.

The Enterprise prints sale bills.

Farm For Sale.—A well improved 85-acre farm. For particulars inquire at the Enterprise office.

Odd Job Work Wanted

On account of the high cost of leather I am obliged to close my shop and seek work elsewhere. Call on me for housecleaning, gardening, rough carpenter work, plain painting or other odd job work.

E. M. JEWETT

All in Readiness for War Census Work

Sheriff Bodine and County Clerk Russell were in Halsey the latter part of the week. They were completing a tour of the county making preparations for the census registration. Over 310 judges and clerks will be necessary to conduct the work of registration in Linn county, and the sheriff reports that everything is in readiness for the registration.

NOTICE

Young men wishing to serve their country by enlisting in the U. S. Army please leave your names at the Halsey postoffice.

There is more Catarrh in this section of the country than all other diseases put together, and for years it was supposed to be incurable. Doctors prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Catarrh is a local disease, greatly influenced by constitutional conditions and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is a constitutional remedy, is taken internally and acts thru the blood on the mucous surfaces of the system. One Hundred Dollars reward is offered for any case that Hall's Catarrh Cure fails to cure. Send for circulars and testimonials. F. J. CHENEY & CO., Toledo, Ohio. Sold by Druggists, etc.

The Enterprise prints sale bills, the kind that draw the crowds.

Get your telephone batteries at the telephone office, 35c each.

M. E. Church Notes

"This is a faithful saying and worthy of all acceptance, that Jesus Christ came into the world to save sinners; of whom I am chief." 1 Tim. 1:15.

The results of the "Go to Sunday School" canvass showed an attendance of 130, an increase of almost 100 per cent. When everybody works results follow. It is a great inspiration to see the seats all full and the influence that comes from you being there in your place of duty counts for far more than you think. But the great work is ahead, to keep up this interest. We have a number of splendid workers but the possibilities among those who are beginning to get interested are equal if not greater. O, the needs and opportunities of this great work. What will the future bring forth? "No time for slackers" now.

The Mothers' Day service was observed in a very appropriate way.

The Epworth League occupied the evening hour in a well rendered pageant exercise in which they celebrated the League's 28th anniversary birthday. The service was excellent throughout and showed what a bunch of workers these Leaguers are.

—Church Reporter.

High School Notes

A majority of the high school journeyed to Albany last Thursday evening and received the numerous benefits of the circus. All reported a thrilling time.

There are eight members of the Senior class who expect to graduate the eighth of June. A sufficient number of diplomas have been ordered and it remains to be seen whether all Seniors will make good use of them.

Miss Lillian Bressler has earned the valedictory honors of the class of '17.

Only three more weeks of school will remain after this. Accordingly if the annual high school picnic is staged it should be in the near future. Think about it.

Monthly exams, coming the end of this week have no terrors for many of the students. Exemptions will be made for those neither tardy nor absent, and maintaining a class average of 90 per cent or above.

The final examinations for the year will take place in the near future. The students look forward to this event with a mixture of pleasure and regret, (mostly regret). We hope the result will be otherwise than detrimental. Ah, vain hopes.

—High School Reporter.

"With good roads, Eastern Linn County can produce and market thousands of tons of good products from land now given over entirely to grazing purposes," announced George Giesendorfer, a good roads booster of Cascadia, who walked 16 miles to attend a recent good roads meeting at Lebanon. "With our present poor roads, it is impossible for us readily to reach the market with such products, with the result that this acreage, so adapted for agriculture, is chiefly valuable only for grazing purposes. With good roads that would make markets more available, stock can be moved in and back and this land developed in an agricultural way. In this way, the further settlement of the state would be aided with a consequent increase in the state's production of good products."

Considering the wisdom of State Master Bruce on the one hand and the number of favorable resolutions passed by individual granges on the other, so far as the grange is concerned in the bond proposition it appears a case of whether the dog shall wag the tail or the tail wag the dog.

The state pamphlet on the six million dollar bonding measure will soon be in the hands of the voters. Do not throw it away without a careful study. This seems like an opportunity for improved roads that we are not likely to get again if now turned down.—Hermiston Herald.

GOVERNOR GIVES HIS FULL INDORSEMENT

Says Road Bond Bill Most Important Ever Submitted to Voters of Oregon.

Discussing the \$6,000,000 good roads bond bill at the state-wide rally in Portland, Governor Withycombe emphatically indorsed the measure in the following language:

"This is the greatest measure ever contemplated by the State of Oregon. It means more to this State than any measure in its history, not barring the Constitution, because the one thing we need is highways in Oregon."

"I have just returned from a trip through the interior country. When you realize that great expanse of country in the interior—the need of settlers, the need of men and women on farms—you appreciate the need of roads in that locality. Then go along down through our beautiful Valley with its need of roads. It is time for us to get out of the mud. This measure will give us good roads—it will be a highway of prosperity. We should stand as a unit for the whole State of Oregon—there should be no sectional interest."

"These roads are not only for home consumption. Military necessity and patriotic duty should make every voter get out and vote for these bonds. Good roads later may save Portland, and all the State. We need and must have good roads. They will add to the wealth, thrift and happiness of our people and our State. This measure does not add one farthing to our taxes; it simply capitalizes waste. It is a most splendid measure. No sane man or woman should offer a single word of opposition to this movement."

"It is placed in the hands of three as good business men as Oregon can ever boast of and is properly safeguarded in every way possible. It is a step in the right direction. Every good citizen should take off his coat and work for this bond measure, with his friends and his neighbors. Every citizen should keep his coat off until election day, for the passage of this measure means so much to civilization and the welfare of this great State."

OREGON WOMEN FOR GOOD ROADS BONDS

Assurance that the women of this state favor good roads was given at the state-wide rally in Portland by Mrs. Charles H. Castner, of Hood River, President of the Oregon Federation of Women's Clubs. She said:

"If there is one form of legislation that the women of this State are interested in more than any other, outside of the home and schools, it is good roads, and particularly do they wish this for the rural women, for to whom good roads mean more than to the women on the farm. It would tend to lessen that great isolation—the great factor in driving the boys and girls to the city."

"The women of my organization, composed of 125 clubs, and nearly 15,000 women in this state, are interested in good roads, as was shown by a resolution unanimously passed for good roads at the last annual meeting held at Seaside."

Within the last few days it has developed that some of the largest interests of Oregon are opposing the road bonding act.

Their fear is that construction of highways will withdraw from the labor market men who will be needed for other occupations incident to wartime operations.

Without questioning either the patriotism or the wisdom of their attitude, there is no doubt but that it will have a big influence in reducing the vote of the road bonds.

It is therefore squarely up to the progressive citizens of Oregon who want roads improved to use every atom of their energy to bring out the vote at the special election June 4.—La Grande Observer.

This happened right in Portland. A householder telephoned a fuel company to send him a load of oak wood. The prospective customer was informed that the dealer did not have any such wood on hand and would not be able to fill the order until the roads had "dried up" so that the farmer could haul it to town. Is it not about time, Mr. Farmer, Oregon was getting into the road building business on a practical and result-producing basis? Such a plan of road building is proposed in the \$6,000,000 road bond bill on which the people will vote at the special election June 4th.

Californians have found bonds for road building a profitable investment. Six years ago, by a bare majority, they voted bonds to the amount of \$15,000,000 for road construction. Last year by a 4 to 1 vote they authorized further issue of \$15,000,000 construction of more roads. Evidently they were entirely satisfied with their initial investment. Pretty good argument for supporting the \$6,000,000 road bond bill in Oregon at the special election.

The people of Oregon have come to congratulate themselves upon the selection of Herbert Nunn as State Highway Engineer by the new State Highway Commission. No better argument could have been made to show that an unit appointment of the highway engineer is a step in the right direction.

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WATCHES
ARE SOLD
HERE

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