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Lessee.

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WEDNESDAY, DEC. 22, 1915.

**WATER SYSTEMS.**

The government has just issued a report on the municipal water supply systems of the United States showing some interesting facts in connection with the business:

Of the 204 cities of over 30,000, 155 have municipally owned water-supply systems, the total estimated value of which is \$1,071,000,000. Municipal ownership in this field has been in force in Philadelphia, which built its plant in 1801 and has operated it continuously since that time, for a longer period than any other city.

The bulk of the water supply for most cities comes, of course, from lakes and streams, but there are 3,634 wells in operation in 47 cities. Of these, 1,367 are in New York City alone.

Five processes of purification are employed, namely, sedimentation, coagulation, slow sand filtration, mechanical filtration, and chemical sterilization. In 155 cities of over 30,000 which have municipal ownership of water-supply systems, there are in operation 87 sedimentation reservoirs, in which are treated 958,000,000 gallons a day; 54 coagulation plants, handling 492,100,000 gallons daily; 527 sand filters, which treat 598,700,000 gallons a day; and 427 mechanical filters with an output of 468,200,000 gallons daily. The amount of water chemically sterilized averages 1,927,900,000 gallons daily. A part of this water is also treated by other processes.

The cost of treatment per 1,000,000 gallons covers a wide range, from 4 cents in Chicago to \$17.46 in Columbus, Ohio. In the former city the chemical sterilization process is used exclusively, while in the latter both mechanical filtration and chemical sterilization are employed. In 15 cities the cost of treatment is less than \$1 per 1,000,000 gallons and in 16 it is more than \$5.

In these 155 cities with municipally owned water systems there are 36,936 miles of water mains, 330,593 fire hydrants, and 1,787,448 meters. During the year a total of 1,326,028,000 gallons of water—enough to cover the state of Connecticut to a depth of nearly 16 inches—was supplied to a total population of 26,200,000, the average daily per capita consumption being 139 gallons. The greatest daily consumption of water per inhabitant, 430 gallons, is reported for Tacoma, Wash., and the smallest, 34 gallons, for Woonsocket, R. I. In the former city 8 per cent of the water is metered and in the latter 98 per cent. The tendency of meters to curtail greatly the use of water is strikingly shown by a comparison of figures for the 26 cities in which the entire water supply is metered with those for the 26 cities in which not more than 25 per cent is metered. In the former group the average daily consumption per inhabitant ranges from 42 gallons in Brockton, Mass., to 179 gallons in Columbia, S. C., and in only 7 cities does it exceed 100 gallons. In the latter group it varies from 43 gallons in Savannah, Ga., to 430 gallons in Tacoma, Wn., and in only 3 cities does it fall below 100 gallons.

FOR SALE—On Dec. 24, at 1:00 o'clock p. m. to the highest bidder for cash, "The Handy Shop" at 417 Lyon St. All information regarding sale furnished by E. H. Craven, Apt. 1, 417 1/2 Lyon street. d20-23

**The Albany Bakery**

We Deliver to Any Part of the City  
115-419 E. 3rd Street  
Bell 569 Party R. Home 419  
H. J. FIRCHAU CO.

TRY the ALBANY DAIRY for sanitary milk and whipping cream. We invite you to visit and inspect our dairy. Bell phone 15-F-41. A. P. MISHLER, Prop.

**MISFITS**

We are horrified at the brutality reported in Europe; but what do you think of the oyster off Long Island that caught a duck by the beak and held the inoffensive bird until it was drowned.

Uncle Sam should continue to keep cool and not get excited over little differences with Austria. With the hot blood that is running riot in Europe it is a wonder there are not more boats torpedoed than there are.

Some people take this forgiving debts business as literal.

Mayor Albee is going to stop dancing on tables new years' eve. Another awful blow at American liberty.

Or, will help keep resolutions to stop drinking next year.

These community trees have the right material to them.

Sensible Scio. One prosperous church is worth a dozen half-starved organizations.

Here is an item that should make one feel warm. Mme. Nordica's furs, sable and ermine, sold at administrator's sale for \$13,200. Some bidders are said to have pawned their jewelry to buy.

Only two more days of Christmas snooping.

Pictures of a man's pocketbook before and after Christmas would make an interesting study.

There's a place in Wisconsin where people are said to live longer than most people because they eat limburger cheese. What's length of life anyway if spent in an Aegean stable.

Let the longer days come. It will soon be July 4.

WANTED—Man to grub. Inquire D. L. Pettibone, Corvallis, R. 1. Home phone 7854. d16-23

**Seed-Wheat-Seed  
Oats-Vetch-Cheat**

M. SENDERS &amp; CO.

**Men****Will****Appreciate****A box of Cigars**

None better than McCOURT'S.

At McAlpin's  
339 W. First

Albany made  
McCourt's Hand Made 5c  
Many Special 10c  
Order a box for your friends.

**PROTECTION**

YOU are not immune from loss.

Just supposing fire breaks out and your valuables are destroyed—or burglars enter your home and steal your jewelry?

Get Absolute Protection—today. Our Safe Deposit Vault is the place.

Boxes to rent as low as \$1.00.



There are a number of things here, especially suitable for gifts that are out of the ordinary. For a small expenditure of money you will get

**Individuality in  
Christmas Presents**

Unusual things are the ones most appreciated. This is a specialty store, where high classed goods are moderately priced. Talk to us about the following:

Leather purses, card cases, playing card outfits, writing companions containing tourist tablets, are all neat and practical. Engraved visiting cards will be appreciated. Plate and 100 cards as low as \$1.50.

Stationery, including tablets, box and pound papers, in the famous Whiting make. We do embossing on correspondence cards and stationery. One thousand and one dies are here making it possible for us to make single and combinations of two letters while you wait in gold at the low price of thirty-five cents per quire.

Loose Leaf Memorandum and price Books, with flexible morocco leather backs and leather lined, will last a lifetime. A loose leaf book with name printed in gold on cover, makes a handsome gift.

The Sheaffer Self Filling Fountain Pen has no equal. It is perfect in material and workmanship, and is indefinitely guaranteed. Should it ever prove defective in any way no matter how long you have used it, we will make it good. Prices from \$2.50 to \$12.00.

Individually Engraved Christmas Cards. There is a touch of personality conveyed through their use that is keenly appreciated. We have them engraved with your name and appropriate verses, holly and poinsettia designs. See samples. Prices including envelopes, 20 for \$3.00, 25 for \$3.50, 40 for \$4.50, 50 for \$5.00. Larger quantities at a much cheaper rate. Visiting cards may be engraved from these plates at any time.

Pictures on Sale. We are going to close out our picture department. All pictures are now reduced to one-half of the original price. They will make beautiful presents at bargain prices.

We take  
Subscriptions  
for all  
Magazines

**RAWLINGS**  
PRINTER and STATIONER  
121 Broadalbin St.

Boys' Printing  
Outfits  
at  
15c to \$1.50

A Ton  
Of Whiting Stationery, all colors and newest designs, just received. This is a delayed water shipment and must be sold. See window display. We cannot display a fourth of our designs. Let us show you.  
RAWLINGS,  
Printer and Stationer.

Christmas trees for sale, 20c each. Hamilton's. d21-22-23

MOTOR CAR OWNERS—For gasoline 15c per gallon. Ralston Motor Co. d18-21

Save by buying a ticket. \$1.50 ticket for \$1.25. New Elite. o25tf-adv

WANTED—To buy a single harness. Give lowest cash price in first letter. Address Dan Morlan, R. D. 4, Albany. d20-22

GASOLINE—15c per gal. Ralston Motor Co. d18-21

Daily Democrat by Carrier. \$4 Year

**DUGAN & DENNY**  
HOUSE FURNISHERS  
New and second hand goods.  
Have moved to 2nd and Baker.

The Best Way TO SAVE  
is by  
**Systematic  
Saving**  
One Dollar Opens An  
Account

In 5 years with interest, \$1 deposited weekly amounts to \$290.65.  
\$5 deposited weekly amounts to \$1,399.38.

**ALBANY STATE  
BANK**  
"Safety Plus Service"

**Practical Gifts  
for All the  
Family**

Santa Claus has made his headquarters in our Hardware Store this Xmas—A look over our stock will give plenty of answers to the time-worn question, "What will I give to him, or her, or the children?" These suggestions may help:

FOR "HIM"  
A GUN  
TOOLS  
HUNTING COAT  
SAFETY RAZOR  
STROP OR HONE  
A WATCH  
FOR "HER"  
CHAIRING DISH  
PERCOLATOR  
SILVERWARE  
CARVING SET  
CEDAR MOP  
ANDIRONS  
FIRE SCREEN  
SCISSORS  
FOR THE "KIDDIES"  
ROLLER SKATES  
WAGONS  
AIR GUNS  
22 RIFLES  
WHEEL BARROWS  
FOOT BALLS  
TRICYCLES  
BICYCLES

See Our Windows for Further Suggestions.

WILL BE OPEN EVENINGS after 17th, until Xmas

**Hulbert-Ohling  
Hardware Co.**  
"The Hardware Men"

A QUALITY STORE  
We sell the best at lowest prices  
Watch Repairing  
F. G. Will

**CHRISTMAS OFFERINGS**

THIS season we have specially good offerings for the holiday season, things worth keeping after being received. Fine assortments of the latest things in jewelry of all kinds, novelties in silverware, and little, and big things worth while for gifts. The prices will be right

Something new is our Art Parlor, in the rear. Here is a fine stock of Bric-a-brac, Cut Glass in many designs, beautiful Statuary, Brass Pieces, etc.

As always our prices will be reasonable in keeping with the quality. Come in, and see. Look around at our display.

**F. G. WILL, Jeweler**

**Notice**

We have some fine home-made head cheese, sausage and mince meat. See our Christmas specials of fruits and groceries.

**Ideal Grocery**

H. A. STEARNS, Prop.

Both phones 58. 212 W. 1st

**List for Gentlemen.**

Belts with sterling silver buckle, with monogram; pocket brush for coat and hat; knife and shears for the desk; Waldemar chains with gold knive; a Hull Detachable handle umbrella. Our store is full of appropriate and useful Christmas gifts.

F. M. FRENCH & SON,  
Jewelers and engravers.

d20-22 wk 11  
SHINE—By Jim Wilson, at Viereck's. d18tf

**Learn Trap  
Drumming**

TURN IDLE EVENINGS into profit. Good trap artists are in demand. Lessons in drums, bells, Xylophone.

LEO H. KREYER  
Hub Theatre.

**Jones Book Store**

Subscriptions received for Magazines and periodicals. 333 West First St., Albany, Oregon.

**VIERECK'S  
BATHS**

First-class Workmen  
Only

Cor. First and Ellsworth Streets

**Why Have a  
Checking Account?**

Because it brings system to your business, establishes your credit, enables you to keep a record of all payments made by check—and laudably proclaims you as a man of business among people and firms with whom you deal.

Let us handle your Checking Account.

CAPITAL AND SURPLUS  
\$90,000.00

J. W. CUBICK & CO., Bankers  
Albany, Oregon

**FIGHER, BRADEN & CO.**  
FUNERAL DIRECTORS AND  
UNDERTAKERS.  
Undertaking Parlors, 3rd and Broadalbin.  
LADY ATTENDANT  
Both Phones

**Cabinet Work  
Albany Planing Mill**

**Golden Rule Dairy**  
MILK and CREAM

2 Daily Deliveries. Both phones  
H. M. PALMER, Prop.

**Fortmiller Bros.**  
Funeral Directors  
Masonic Building, Albany, Or.  
Both phones. Lady Assistant



Let us place our finger piece mounting on your eyeglasses. Makes putting on and off easy.  
E. C. MEADE, Optometrist

**P. B. Phipps**  
MAGNETIC HEALER  
734 Home phone  
734 Lyon St.

**STETTER'S**  
FOR GROCERIES AND  
CROCKERY

BUSINESS  
DIRECTORY

**CLASSIFIED**

WANT  
ADS

**BUSINESS DIRECTORY****CHIROPRACTOR**

ELMER C. GIPE  
Chiropractor.

Rooms 5, 7, 9, 10, Cusick Bank Bldg. Nature cannot cure a disease unless the cause is removed. Chiropractic adjustments remove the cause.

GEO. J. KENAGY  
Chiropractor

National Bank Bldg. \*Rooms 401-402. Office phone 1380 Home; residence phone 4357.

DR. S. H. RUSSELL  
Chiropractor

1-2-3 Schmitt Bldg. Phone 361 Bell 186-R; Home 1461. Lady attendant. Examinations free.

**DENTISTS**

DR. W. R. BILYEU—Dentist, First National Bank building, Albany.

**OSTEOPATHIC PHYSICIANS.**

A. P. HOWELLS, D. O.  
Both phones. Savings Bank Bldg.

MARY S. HOWELLS, D. O.  
Both phones. Savings Bank Bldg.

**REAL ESTATE & INSURANCE**

F. E. SOX  
Real Estate, Loans, Fire Insurance.  
First National Bank Building

H. F. MERRILL  
Insurance and Loans  
City warrants bought and sold. Room No. 1, second floor, First Savings Bank building, Albany, Oregon.

E. M. PAYNE—Farm lands and city property for sale. Real estate loans. Fire insurance. Surety Bonds. Rooms 19-21, Cusick Block, Albany, Oregon.

**FOR SALE**

FOR SALE OR EXCHANGE—A 10 million timber claim in Douglas county for city property or good farm land. Home 1143. 116tf

FOR SALE—Light roadster automobile. First class condition. Recently overhauled. Address "Roadster" care Democrat. a5tf

FOR SALE—High grade piano at a bargain. Phone 361-R. m18-f

FOR SALE—Fresh cows on easy terms. H. Bryant.

**FOR RENT**

FOR RENT—First class store room. First street. Call on Dr. A. Stark. m22tf

FOR RENT—A four-roomed furnished apartment. Enquire of Burggraf. d18-f

FOR RENT—15 Acres of land with house and barn. Terms for 3 yrs. Inquire of W. N. Price, West Station, Oreg. d21-23 wk\*

FOR RENT—Four furnished rooms at 1025 First St., Albany. Call Mrs. Holt, Jefferson 13F11. d20-22

**FOR SALE.**

FOR SALE—Hull of gasoline launch. At condition, without engine. At fourth of cost. See J. R. Metzger. d15-17

Jewelry repairing of all kinds at Kreamer's new store. o25tf-adv

Daily Democrat by Carrier, \$4 Year.

THE BEST  
BAKED GOODS  
GROCERIES, PRODUCE  
and FRUITS

**PARKER'S**

"The Sign of Quality"

136 Lyon St. Both Phones

DINNER SERVED  
Every Sunday for 50c.  
at ST. FRANCIS HOTEL  
Luncheon 11:30 to 2; dinner 5  
to 8 p. m. 129tf

A \$1.50 ticket for \$1.25. Good for anything at New Elite. o25tf-adv

Careful attention given to all jewelry repairing at Kreamer's new store. o25tf-adv

**Real Estate for Sale**

Bargains in farm lands, city property; money to loan, insurance written in the strongest old line companies. Call on J. V. Pipe, 203 W. 2nd St.

A. STARK,  
Physician and Surgeon  
Also treats eye, ear, nose and throat, and fits glasses.  
Both phones 60  
326 W. First St. Albany, Ore.

**WANTED****READ OUR WANT ADS**

WANT POSITION—By experienced girl, to do housework. Good references. Call 193-J Bell.

WANTED A FAIR TRIAL—We will show our skill on all repair work chairs, couches, woven wire bed springs made as new, stoves, mattresses. All work guaranteed. Call Bell 72-J and save money. 317 E. 2nd. d1j

WANTS WORK—Lady wants work by day or hour. Home phone, 3489. n29tf

WANTED—4 or 5 room modern bungalow, furnished—man and wife, boy 4 years old. Reference if required. Call from 4 to 6. E. B. Pickard, 342 E. 2nd.

**MISCELLANEOUS**

TO SELL OR EXCHANGE—Farm near Cottage Grove for Albany or Corvallis property. What have you? State price. Address Box 145 Cottage Grove, Oregon. dly wk n26d26

LOST—Crescent of pearls on streets of Albany. Return to Democrat office, or phone 416-1.

WANTS WORK—Young man 20 wants any kind of work city or country. Call 103 Lyon St.

Expert watch and clock repairing at Kreamer's Jewelry store. o25tf-adv

Buy a ticket. \$1.50 worth of goods for \$1.25. New Elite. o25tf-adv.

**Real Estate  
Loans & Insurance****Collins & Taylor**

Hamme! Hotel Building

**\$3 WOOD FOR  
\$2.50**

Dry Mill Ends, the best  
cookstove wood on market

**HAMMOND  
LUMBER CO.**

1st and Realroad. Phones 358

**Oregon Junk Shop**

Pays highest price for hides, pelts and furs, rubber, metals and sacks and rags.  
315 E. 2nd Street. Phone 72-J  
Albany, Oregon

**Albany Transfer Co.**

Both phones  
WOOD FOR SALE  
Little Fir \$3.25  
Slab Wood \$2.40