

Hillsboro Independent.

D. W. BATH, Editor and Proprietor.

Life of Cement Concrete.

North Yamhill, March 9.—Editor Independent: An article recently appeared in an eastern scientific journal setting forth in a clear and unprejudiced manner the loss and danger that must soon and inevitably follow the indiscriminate use of cement concrete. The writer says: "The great usefulness of portland cement has brought it so in prominence that its qualities have been vastly over rated by those who have not inquired into the true nature of the cement and its action under various conditions. Now we wish to be understood as the most loyal friends of portland cement fully recognizing its great usefulness and the debt we owe it. We will try to pay the debt we owe cement by showing its true nature and helping it to be understood that it may not be abused by being used for wrong purposes."

In the absence of authentic information concerning the true nature of cement its solubility, etc., it would be no violation of common honesty for cement concrete promoters to go on blindly recommending that material for any and all purposes regardless of how much the consumer might suffer financially and otherwise by reason of its failure. Soil and climatic conditions effect to a great extent the durability of cement concrete.

A cement concrete fence post placed in the soil in the arid part of Arizona would last practically forever, while the same post placed in the rich alluvial soil of other states having a more humid and variable climate would most likely dissolve and disintegrate and become worthless in ten or fifteen years. Instances are on record in this country where cement concrete fence posts have failed in less time.

Promoters of cement concrete use questionable methods of advertising. They point with pride to the pyramids of Egypt claiming them to be made of cement concrete and have resisted the elements for thousands of years which need not be disputed but they fail to explain at the same time that the preservation of those ancient buildings is due almost entirely to the very arid climate of that part of the world. They also call attention to the fact that great sea walls and breakwaters, etc., in all parts of the world are built of cement concrete. Here again they fail to give out the information that ocean water is strongly alkaline and is not a solvent for cement concrete.

Fresh water and soil moisture will dissolve cement concrete the same as it does a lump of sugar or salt, the only difference being the much greater length of time required to do it.

A cement concrete structure which is exposed to the infiltration of a considerable quantity of fresh water or soil moisture must in time yield to structural disintegration, if a fence post it will fall over, if a drain or culvert pipe it will collapse.

Submerged cement concrete is in a state of rest, the pressure of water being about equal on all its parts.

There can be little if any circulation of water through it, this accounts for its great durability under water. The adaptability of cement concrete below the water line need not be questioned. Large concrete cement conduits have been constructed to provide outlets for the drainage of immense areas of some of the finest agricultural lands in the United States.

The failure of those costly and important subterranean water courses is predicted in the near future by eminent authority. Those drainage systems are located on comparatively level territory, their stoppage would be followed by incalculable damage.

Public officials who are vested with legal and exclusive authority to exercise a choice of material which may enter into the construction of those public enterprises are responsible for this deplorable and threatening condition which confronts thousands of farmers in the Mississippi valley.

Heretofore the after maturity

failures of cement concrete structures has been attributed wholly to carelessness and lack of experience, and I might add dishonesty on the part of builders. No reference is ever made concerning the inherent bad qualities of the cement itself as being contributory to the cause of these failures.

Portland cement is more soluble in water than is generally supposed, nature made it so. Man cannot change it no matter how much he may desire to do so. Portland cement is a very valuable material but it must be confined to its proper sphere of usefulness.

Those who are promoting its use for any and all purposes with utter disregard for its adaptability are the real enemies of portland cement.

Public officials charged with the responsibility of making public improvements should be properly informed on this important subject for the benefit of the taxpayers whose interest they should serve well and faithfully.

With the passing of the era of cheap lumber comes the demand for structural material of a more permanent character. This demand is so varied and extensive in the United States to think of it, staggers the imagination. It involves the expenditure of an enormous amount of energy and capital for both private and public enterprises.

PHIL WITHEYCOMBE.

Death Was on His Heels.

Jesse P. Morris, of Skippers, Va., had a close call in the spring of 1906. He says: "An attack of pneumonia left me so weak and with such a fearful cough that my friends declared consumption had me, and death was on my heels. Then I was persuaded to try Dr. King's New Discovery. It helped me immediately, and after taking two and a half bottles I was a well man again. I found out that New Discovery is the best remedy for coughs and lung disease in all the world." Sold under guarantee at the Delta Drug Store. 50c and \$1. Trial bottle free.

DeWitt's Carbolyzed Witch Hazel Salve. It is especially good for piles. Sold by all druggists.

Party Rates.

Agents along the Southern Pacific Lines in Oregon are hereby notified that beginning February 20, a round trip rate of one and one-third fare between all points on Southern Pacific Company, Oregon Lines, may be made for ten (10) or more bona fide members of regularly organized theatrical, operatic or concert companies, glee clubs, brass or string bands, base ball clubs, foot ball, polo or basket ball teams, traveling together on one party ticket for the purpose of giving public entertainments.

Also a one and one-third fare rate for the round trip may be made between the points named above for twenty-five (25) or more persons traveling together on one party ticket; this twenty-five party is not confined to regularly organized companies or troupes, but is open to all.

Wm. McMURRAY, General Passenger Agent.

Kennedy's Laxative Cough Syrup acts promptly yet gently on the bowels, through which the cold is forced out of the system, and at the same time it allays inflammation. Sold by all druggists.

DeWitt's Kidney and Bladder Pills are prompt and thorough and will in a short time strengthen weakened kidneys and allay troubles arising from inflammation of the bladder.—Sold by all druggists.

"E. C. DeWitt & Co., Chicago, Ill.—Gentlemen: In 1897 I had a disease of the stomach and bowels. In the spring of 1902 I bought a bottle of Kodol and the benefit I received all the gold in Georgia could not buy. May you live long and prosper. Yours very truly, C. N. Cornell, Roding, Ga., Aug. 27, 1906." Sold by all druggists.

For Sale.

Mason & Hamlin organ, with ivory keys, for sale, or will trade for live stock. Also cochon bantams and house plants. Call at Mrs. F. Bockman, Wheeler Station, or address Beaverton, Route 2, Box 85.

Cameron's

S. C. White Leghorns that are Leghorns of true type and size. Eggs for hatching. South of city park, Hillsboro, Ore. Independent phone 325.

A tag from a 10-cent piece will count FULL value
A tag from a 5-cent piece will count HALF value

TOBACCO

with valuable tags

Save your tags from

**HORSE SHOE GRANGER TWIST
MASTER WORKMAN
STANDARD NAVY J. T.**

Old Statesman **Seller's Pride** **Old Honesty** **Big Four**
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Tinsley's 10-cz. **Jolly Tar** **W. N. Tinsley's** **Pink**
Spear Head **Bride Bit** **Natural Leaf** **Ivy**

Tags from the above brands are good for the following and many other useful presents as shown by catalog:

Gold Cuff Buttons—50 Tags
Fountain Pen—100 Tags
English Steel Razor—50 Tags
Gentleman's Watch—200 Tags
French Briar Pipe—50 Tags
Leather Pocketbook—80 Tags
Steel Carving Set—200 Tags
Best Steel Shears—75 Tags
Lady's Pocketbook—50 Tags
Pocket Knife—40 Tags
Playing Cards—30 Tags
60-yd. Fishing Reel—60 Tags

Many merchants have supplied themselves with presents with which to redeem tags. If you cannot have your tags redeemed at home, write us for catalog.

PREMIUM DEPARTMENT

THE AMERICAN TOBACCO CO., St. Louis, Mo.

Wanted.

I want to hear from owner having **GOOD FARM or BUSINESS.**

For sale, any size and any locality. Not particular about location. If you want cash for your farm or business it will pay you to write me today. I only want to hear from owners who are willing to sell direct to buyer and without paying a cent of commission to anyone. I am not a real estate agent and I don't accept properties for sale on a commission basis. Agents need not answer. If your farm or business is for sale write me at once and I will send you full details of my new plan of putting you in touch with hundreds of people anxious to buy. I must hear from you quickly, as I have more buyers than I have properties to recommend. It costs you nothing to write to me and I may have someone who wants your place and will pay your full price. In writing give price and description and state how soon possession can be had. Address L. Darbyshire, Drawer 934, Rochester, N. Y.

Colonist Rates.

"Colonist rates will be in effect March 1, 1908, to April 30, 1908, from Eastern points to the Pacific Northwest as follows: From Chicago to Portland, Astoria and Puget Sound destination, also to points on the Southern Pacific main line and branches, north of and including Ashland, Oregon, \$38. From Missouri River Common Points, Council Bluffs to Kansas City, Mo., inclusive; also St. Paul and Minneapolis \$30. St. Louis \$35. 50, and from Denver, Colorado Springs and Pueblo, \$30. Stop-over privileges and other conditions of sale will be practically the same as prevailed previously." P. G. VICKERS, Agent S. P. Ry.

Poultry Wanted.

I will pay market price in cash for all kinds of chickens, hens, turkeys, ducks and geese. J. Lenz Hillsboro, Ore.

GO TO THE Home Style Restaurant FOR A GOOD MEAL AND A GOOD BED
Main St., between Third and Fourth
HILLSBORO, ORE.
MRS. I. M. HUMKE, Prop.

EMMOTT BROS.

Central Meat Market

Fresh Meats and Groceries.
Opposite the Shute Bank
Your Trade Solicited.

Plenty of Trouble

is caused by stagnation of the liver and bowels. To get rid of it and headache and biliousness and the poison that brings jaundice, take Dr. King's New Life Pills, the reliable purifiers that do the work without grinding or gripping. 25c at the Delta Drug Store.

Eggs for Setting.

Full-blood Buff Orpington for sale. Call and see the stock you are getting eggs from. Eggs, \$1.50 for 15. A few more cockerels for sale. Inquire of C. Rhoades, corner of Ninth and Baseline streets, Hillsboro.

Old, mellow and thoroughly matured—it possesses every essential of a genuinely fine, Kentucky liquor—that's why I. W. Harper whiskey is the most popular. Sold by F. E. Cornelius.

Interest in a valuable patent to trade for real estate. Inquire at this office.

The Portland Weekly Oregonian and The Hillsboro Independent one year for \$2.25.

DeWitt's Little Early Risers, the famous little liver pills. Sold by all druggists.

He Got What He Needed.

"Nine years ago it looked as if my time had come," says Mr. C. Farthing, of Mill Creek, Ind. Ter. "I was so run down that life hung on a very slender thread. It was then my druggist recommended Electric Bitters. I bought a bottle and got what I needed—strength. I had one foot in the grave, but Electric Bitters put it back on the turf again, and I've been well ever since." Sold under guarantee at the Delta Drug store. 50c.

Ladies' Home Journal patterns at Mrs. I. Bath's.

For Sale.

Seven-room cottage on First street, near depot, 3 blocks from P. O.; very desirable. Inquire at this office.

Portland and Return, 90c.

From now until further notice round trip tickets from Hillsboro to Portland and return, will be sold at 90 cents, good on Saturday 1:43 p. m. and Sunday trains, and returning on any Sunday or Monday train.

WM. McMURRAY, G. P. A.

There is nothing better than Kodol for dyspepsia, indigestion, sour stomach, belching of gas and nervous headache. It digests what you eat. Sold by all druggists.

For up-to-date millinery and ladies' furnishing goods, go to Mrs. Bath's, Linklater building, east of the court house.

A Twenty Year Sentence.

"I have just completed a twenty year health sentence, imposed by Bucklen's Arnica Salve, which cured me of bleeding piles just twenty years ago," writes O. S. Woollever, of LeRaysville, N. Y. Bucklen's Arnica Salve heals the worst sores, boils, burns, wounds and cuts in the shortest time. 25c at the Delta Drug Store.

TEA

New York is too far from Japan; San Francisco is nearer.

Your grocer returns your money if you don't like Schilling's Best. we pay him

ROYAL SODA WORKS

Open for business Tuesday, March 17, in the Hewett building on Main Street, opposite the feed barn

Carbonated Drinks of all kinds, Fountain Tanks charged and Liquid Gas for sale
O. FROM & CO.

We're Right in It

When it comes to the selling of high-grade groceries of all descriptions. In tea, coffee, flour, butter, cheese, eggs, canned goods, cereals, breakfast foods and all kinds of groceries, we not only give you the best qualities, but the best weight in all cases. And our prices are such as cannot be easily matched by any of our competitors when quality is considered.



Vaught's
Hillsboro, Ore.



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Hillsboro, Oregon.

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Pure Drugs and Medicines

We carry a complete line of Fine Sundries. If we do not have what you want in stock, we will cheerfully get it for you. Having been appointed Publishers' Agents, we are now prepared to supply

All Your Wants in the School Book Line

We also have a full line of Tablets, Pencils, Slates, Etc.

School Books will be sold for CASH ONLY. POSITIVELY NO CREDIT.



A LOVELY HEAD OF HAIR is a woman's crown of glory. You may have one with the aid of a bottle of our hair tonic. It cleanses the scalp, imparts vigor to the roots and induces luxuriant growth. It is also absolutely harmless as well.

NO INJURIOUS DRUGS enter into its composition. You can use it freely and safely. It is a preparation fully up to the standard of all our drugs and medicines.

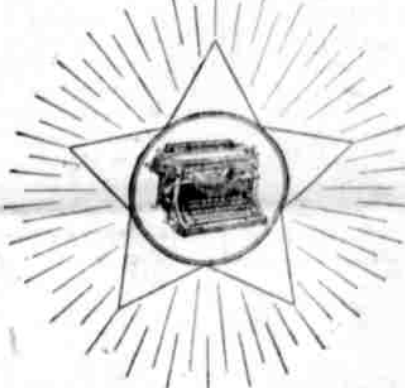
The Hillsboro Pharmacy.

TAKE THE BLUE BELL LINE TO HEALTH THEY MAKE YOU FEEL LIKE A BLACKSMITH

No cure-all. A specific remedy for each specific ailment. Only the active principle or the condensed essence of the drug used. Results guaranteed. Ask for and try once BLUE BELL Stomach Tablets, or Diarrhoea, Cramp, Nerve, Cough, Hay Fever and Catarrh, Blood, General Tonic "For Old People," Heart, Worm, Kidney, Headache, Summer Complaint, Soothing "For Children," Liver, Female Regulator, Quinsy, Bright Sunshine "Sexual Tonic," tablets or BLUE BELL Cough Syrup, Man's Pain Linctus or Pile Remedy. We print the contents of each remedy upon the carton, and they comply with all pure drug laws. Distributed by THE BLUE BELL MEDICINE CO., Incorporated, Capital Stock \$300,000.00, Watertown, South Dakota, U. S. A.

FOR SALE BY THE DELTA DRUG STORE

UNDERWOOD STANDARD TYPEWRITER



"Star of the First Magnitude."

FACT Number 10—The Underwood Escapement is faster than the fastest operator. The Skilled Mechanic says: "It will last a hundred years."

UNDERWOOD TYPEWRITER COMPANY, New York or Anywhere.

MAKE YOUR OWN STOCK FOODS BY USING

SKIDOO HORSE AND CATTLE TABLETS

Crush and mix in feed or salt. Proper dose in tablets

Makes Your Stock Look Like the Top Price

For Horses, Cattle, Sheep, Swine and Poultry. They are made from the active principle or the condensed essence of the drug. They don't contain Sawdust, Ashes, Chop Feed or Bran. Are just as good when 10 years old as when 30 days old. They comply with all pure drug laws. Ask for and try once SKIDOO Condition Tablets, or SKIDOO Worm, Kidney, Chicken Cholera, Blister, Cathartic, Heave, Fever, Hog Cholera, Distemper, Pink Eye, Colic, Lactation Louse Powder, Spavin Cure or Barb Wire Linctus. Distributed by THE BLUE BELL MEDICINE CO., Incorporated, Capital Stock \$300,000.00, Watertown, South Dakota, U. S. A.

For Sale by the Delta Drug Store.

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No Change of Cars		
DEPART FROM	THE SCHEDULE from Portland, Or.	ARRIVE AT
Chicago	Portland	5:30 p. m.
Portland	Chicago	7:15 p. m.
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Through Pullman standard and tourist sleeping cars daily to Kansas City; through Pullman tourist sleeping cars (occasionally conducted) weekly to Chicago and Kansas City; returning chair cars (week days) to East daily.

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The Oregon Railway and Navigation Co., Portland, Oregon

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Carry a full line of Flour and Feed, All Poultry Supplies and Stock Food, Seeds, Paints, Spraying Material, etc.

All Orders Promptly Filled on Short Notice

Former patrons of the store are invited to give us a call.

Hillsboro, Oregon