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VOL. IV. NO. 16

## UNION HARDWARE CO.



VILLA PHÆTON CART. A Strictly High Grade Cart, finished as well as a buggy. The ADA CARTS The best cart for the Money. Handsome, Strong and Easy

are the finest ever brought to the State. Don't fail to see them before buying. Riding. Two grades kept in stock.

We Have Also

# The Nobbiest Road Wagons You Ever Saw!

and examine them and get our prices.

BEAR IN MIND

That we pay no Jobber's Profits, but are, in fact, jobbers ourselves, and buy our goods at jobber's prices.

### UNION HARDWARE CO.,

M'MINNVILLE, OR.

J. D. BAKER,

SURGEON AND HOMEOPATHIC PHYSICIAN.

Office Upstairs in the Garrison Building. RAMSEY & FENTON,

ATTORNEYS-AT-LAW.

McMinnville, - - - Oregon Office, Rooms 1 and 2 Union Block.

CALBREATH & GOUCHER,

PHYSICIANS AND SURGEONS, McMinnville, - - Oregon

(Office over Braly's Bank.)

J. C. MICHAUX,

PHYSICIAN AND SURGEON. LAFAYETTE, OREGON-

J. P. TURNEY,

SURGEON AND PHYSICIAN.

Specialty of surgery and diseases of wome UNION BLOOK - McMINNVILLE, OR.

The People's Market.

Carries the Best Line of Choice Meats in the City. Game and Fish in Season. Poul try, hides, etc., bought for the highest mar ket price and cash paid for same. Your attention is called to the fact that we always serve the best meats to be found. Your patronage is solicited.

BOND & CO. J. W. COWLS. LEE LAUGHLIN E. C. APPERSON

McMinnville, Oregon, Paid up Capital, \$50,000.

Transacts a General Banking Business Deposits Received Subject to Check. Interest allowed on time deposit

Sell sight exchange and telegraphic transfers on New York, San Francisco and Port-Collections made on all accessible points Office hours from 9 a, m, to 4 p m.

### J. B. ROHR,

House, Sign, and Ornamental Painter The Only Sign Writer in the County. Homes fitted up in the Neatest and Most

Designs furnished for Decorations. Remember Paper Hanging and Inside Furnishing a Specialty.

Work taken by Contract or by the Day. Experienced men employed. Third Street, McMinnville, Oregon.

DERBY & BOYER, Proprietors of The McMinnville

Situated at the Southwest of Fair Grounds. All sizes of

First-Class Drain Tile kept constantly on hand at lowest living DERBY & BOYER,

UTED. SALESMEN Local and Traveling. the right man. Apply quick stating age.

Nurserymen, Flor- L. L. MAY & CO., ists and Seedsmen.

ST. PAUL. MINN.

McMi mville, Orego



Goods of all descriptions moved and careful handling guaranteed. Collections will be made monthly. Hauling of a l kinds

The Duke of Yamhill.

The Ohio Improved Chester boar, Duke of Yamhill, No. 8456 property of Wm. B. Turner, will be permitted a limited number of sows this season. Can be seen at owner's farm 6 miles southwest of McMinnville, FEE, \$2.50

### ORGANS!

Another Carload on the way from the factory! Sold at Strictly Eastern Prices;

And Every Instrument Guaranteed for Six Years

Music makes home pleasant and to our attorney for collection. Cheerful, and when you can buy an Organ for \$50 you should not deny the \$50 wife or child-

ren the refining influence of music. for Cash. A full assortment of

VIOLINS, BANJOS, GUITARS AND ACCORDIANS. CHAS. GRISSEN.

REAL MERIT

OWN BI

Pills? NO!! If you take pills it is because y

S. B. Headache and Liver Cure n eating and working. To Try it Is to Become a Friend to it.

#### CARD OF THANKS.

Prompted by gratitude to Dr. DeFreye, the European specialist, who has succeeded in curing me of chronic kidney, liver and gastric sickness, for the treatment of which I had consulted a number of other physicians, through which I was brough to the verge of despair, fearing I never could be cured, I consider it my duty to recommend him to my fellow citizens who may be afflict-W. K. WHITE. Whiteson, Yamhill Co.,

Oregon. Dr. DeFreye, corner of 1st and Pine streets, rooms 6 and 7, can be counseled free on all chronic diseases of both sexes. The cures of private diseases, such as Loss of Manpital experience), are never pub-

Correspondence P. O. Lock Box 29. Portland, Oregon. Office hours from 10 a. m. to 4 p. m. and from 8 to 3 o'clock in the

ATIENTS TREATED BY MAIL. CONFIDENTIAL For particulars address, with 6 cents in stamps, DR. O. W. F. SHYDER, M'VICKER'S THEATER, CHICAGO ILL.

### TRUCK AND DRAY CO., Facts Worth Remembering

### BURNS & DANIELS

Have the Largest Stock of

### Furniture, Wall Paper, Carpets, etc.,

In the valley outside of Portland.

THAT

They can and will sell tor CASH, or a reasonable length of time. cheaper than the public have ever been able to buy.

THAT

This does not mean six months or one year, and then 10 per cent.

THAT

It is a mistaken idea that goods can be sold as cheap on time as to give a summary of the interesting knowledge of these advantages are not above \$1,000,000; Yale above \$500,000; earth; the primeval vegetation got old,

THAT

The proposition is this: That CASH IS THE BASIS, and that ion for 18,000,000 years at the present men that own them are watching the probably have double or treble this man comes along and sets the coal on those who allow their names to go on our books must pay from 5 to 10 rate. Of course, this does not assert development of electro-motive cen- amount. It is thus evident that the fire; the coal gives up its energy to the per cent. for that luxury.

BURNS & DANIELS.



Points to Remember for 1892, in the purchase of Gro-

Fully one-half of the People do not stop to consider the money they can save during the year in purchasing goods of a 10,000,000 years, but not lor two miles. The electric trainways in two miles are the electric trainways in two miles. The electric trainways in two miles are the electric trainways in two miles. The electric trainways in two miles are the electric trainways in two miles. The electric trainways in two miles. firm that pays strict attention to the selling of First Class Goods at a Small Profit.

People usually go to the nearest place regardless of seen that it does not seem possible for power. Almost without exception they ment the work of the Lick telescope, tions of our methods of transformacost. We sell our goods cheap and deliver them at your door. any other source of heat to be available are operated by current supplied to the with a full staff of astronomers, publication, but we know of no better ones You will be able find every thing in the grocery line in our store.

We are in it---The Grocery Business; and we will al- was originally imparted to the sun as of the system then the principal causes professorship at a university like the begin over again, and, had we time to ways give you the best goods in the city for the money. We give the result of some great collision becash or trade for all produce, suit yourself in the matter.

was originally imparted to the suit as of the system then the principal causes professorship at a university in the distribution of the system then the principal causes professorship at a university in the city for the money. We give the result of some great collision becash or trade for all produce, suit yourself in the matter.

MILLSAP & SON.

### Combination? Yes O. O. HODSON HAS MADE A BIG COMBINATION

I have enlarged my store and have combined a full and complete stock of Sash, Doors, Mouldings. Glass, Paints, Oils, Varnishes, Brushes. And everything belonging to this class of goods

Have also Combined a Line of Fishing Tackle & Guns This with my Immense Stock of

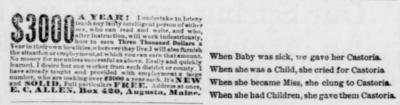
### HRDWARE, STOVES AND TINWARE

ALTOGETHER MAKES A COMPLETE COMBINATION As to stocks, but not with any other firm or men.

hood, Impotency, Errors of Youth,
Stricture, etc., (his principal specialties by dint of his European hos-

Call and see me before buying.

O. O. HODSON.



When Baby was sick, we gave her Castoria. When she was a Child, she cried for Castoria

HOW LONG CAN IT LAST? The Heat of the Sun Steadily Decseasing as the Years Go By.

There is a boundary to the prospect of the continuance of the sun's radiation. Of course, as the loss of heat goes on, the gaseous parts will turn into liquids, and as the process is still further protracted, the liquids will transform into solids. Thus we look forward to a time when the radiation of the sun can be no longer conducted in conformity with the laws which dictate the loss of heat from a gaseous body. When this state is reached the sun may no doubt, be an incandescent solid with a brilliance as bright as is compatible with that condition, but the further loss of heat will then involve loss of temperature. At the present time the body may be so far gaseous that the temperature of the sun remains absolutely constant. It may even be the case that the temperature of the sun notwithstanding the undoubted loss of heat, is absolutely improving.

It is, however, incontrovertible that certain maximum temperature havng been reached (whether we have yet reached it or not we do not know),temperature will then necessarily decline. There is certainly no doubt whatever call that the sun, which is now losing heat even if not actually falling in temperature, must, at some time, begin to lose its temperature. Then, of course, its capacity for radiating heat will begin to abate. The heat received by the earth from the great center of our sys- motive power for the railway trains of sign that the founders of such an insti tem must, of course, decline. There America? Dr. Chauncey M. Depew tution should break away from the idea that the continuous loss of solar heat tive; a prominent official of the North- in denominational circles, that a \$50,000

named. We have already seen that tric engine would entail.

Of course, it is always conceivable that be supplied with current. race from the inevitable end. The race reached. far as we know, its span cannot under experimental tracks up to sixty miles any circumstances be run out beyond a an hour, but no practical application of nightly Review for April.

get the one dollar it costs back again if the forms of contracts which they have it don't benefit or cure you. We wish signed. we could give you the maker's confidence. They show it by giving the Mild, gentle, soothing and healing is money back again, in all cases not ben- Dr. Sage's Catarrh Remedy. Cures the efitted, and it'd surprise you to know worst cases permanently. No expeirhow few dollars are needed to keep up menting. It's "Old Reliable." Twen-

THE BANDITS.

AN ELECTRIC FREIGHT ENGINE.

plant Steam on Railroads. Will electricity supplant steam as a national college. It is an encouraging seems no escape from the conclusion answers this question in the affirmathat has prevailed so long, especially must still go on, so that the sun will ern Pacific railroad company has endowment can make a college and pass through the various stages of bril- prophesied that this road would be \$100,000 a university. The new Metholiant incandescence, of glowing redness run by electricity inside of three years, dist university, though confined to ecomes a dark and non-luminous star. | timore, Md., has just closed a contract | 000,000 endowment.

are based on his own experiments upon pared with others of vast importance Stanford an indefinite endowment, es- light. It is very simple. the intensity of solar radiation, con- which have been surmised by engineers timated now at \$5,000,000, with a proshave contained would supply its radia- heads of the large systems and the ready a \$3,000,000 endowment and will to its heat-and-light giving energy; a the rate at which sunbeams are poured | Millions of dollars are invested in in the land.

times the quantity of sunbeams dis- a thousandth part of them to an election, but those who wish to do some- ergy of motion becomes electrical mopensed was much less per annum than tric system, but if the prophets and thing for the cause of education need tion; the electrical energy of the dyat present, and it is, therefore, quite signs can be believed the change is not despair because their purse is not name is given up to the so-called lamps possible that the figures may be so ensure to come. In 1883 an electric loco-equal to such a demand. There are and in them becomes again the energy larged as to meet the requirements of motive was exhibited at the Chicago plenty of ways to make good use of of light and heat. All this is clear, too any reasonable geological demand with exposition which developed a little money for education without founding clear to be disputed; that is, the facts regard to past duration of life on the over 15 horse power and was used to a university. A college such as Am-It seems that the sun has already ture track. Today one of the 500 horse single course, with variations, may be formations are accomplished, you will dissipated about four-fifths of the ener- power is building and one of 125 horse founded for from \$700,000 to \$1,500,000. hardly find a satisfactory answer. gy with which it may have originally power is in daily operation in Whitins- For a more moderate sum a secondary been endowed. At all events, it seems, ville, Mass., where it is used used for that, radiating energy at its present hauling freight cars from a factory to school than can be supported by publics shining white? Answer me this, rate, the sun may hold out for 4,000,000 the main line of railroad, a distance of lic taxes-can be founded. This can son of man, and I will answer thee the years, or for 5,000,000 years, but not for two miles. The electric tramways in be had for \$100,000 to \$500,000 accord- other riddles of the universe

the earth beneath, does it seem possible bed at a greater rate without danger, ble to secure an education. to discover any rescue for the human but the limit of steam propulsion was The cost of a great instition need not American Catholic Quarterly Review. is as mortal as the individual, and, so | Electric engines have been run on

number of millions of years which can electric motive force has gone much certainly be told on the fingers of both above the ordinary rate of the electric hands, and probably on the fingers of tramway, which is generally the low one,-Sir Robert S. Ball in the Fort- limit of ten miles an hour. No one doubts the ability of the moving parts of an electric engine to run faster than You've tried Dr. Pierce's Favorite those of a steam locomotive, even Prescription have you, and you're dis- though it is yet unproved by practical appointed. The results are immediate.

And did you expect the disease of magnates are turning their attention to years to disappear in a week? Put in the different electic systems of locomoa pinch of time in every dose. You tion and adopting them in a slow and would not call the milk poor because cautious way. That they believe in the cream doesn't rise in an hour? If them is evidenced by the action of the ther's no water in it the cream is sure Baltimore Belt line and others, and the to rise. If there's a possible cure, Dr. fact that the electric companies them-Pierce's Favorite Prescription is sure to selves feel positive of what their untried effect it, if given a fair trial. You can apparatus will accomplish is proved by

ty-five years of success.

The Cost of Endowments. deter men of moderate fortune from seeking to do something for education The projected Methodist university with their money. It need only imat Washington is to be on a different press upon them the importance of bescale from that of the ordinary denomi-

stowing their gifts wisely.-Examiner. LIGHT AT THE FAIR

The Greatest Illumination the World Has Ever Seen.

Whatever else may be said of the managers of the approaching World's and of dull redness, until it ultimately and the Belt railroad company, of Bal-graduate work alone, is to have a \$5,- Fair, it certainly cannot be said that In this final state the sun will literally with the Thomson-Houston electric Rich men,or men of moderate wealth trary, they are taking measures to be join the majority. Every anology company, of Lynn, Mass., involving who contemplate doing something for more than liberal in the matter of would teach us that the dark and non- the expenditure of a third of a million education with a part of their money, light. The plans approved and adoptuminous bodies in the universe are far dollars for the purpose of equipping its should look on these figures of univer- ed for illuminating the grounds and more numerous than the brilliant suns. tunnel line with electric locomotives. sity endowments with some care before buildings, when the great time comes, We can never see the dark objects, we There are already in use in the Unit- deciding what to do with the money are on the most magnificent scale. can discern their presence only indi ed States electric engines for handling they can afford to give. The first and They provide for 6,776 are lights of rectly. All the stars that we can see freight trains on side tracks and in de- usual impulse is to put it into a new in- 2000 candle power each, and for 131,458 are merely those bodies which at this pot yards, and a monster of 500 horse- stitution that shall bear their names incandescent lamps of 16 candle-power epoch of their career happen for the power capacity is building in Lynn, down to future ages as perpetual bene- each, in all an amount of illumination time to be so highly heated as to be which is destined to take the place of a factors of the race. If they can afford equal to 3,348,132 standard candles. The Paris exposition was a grest un-There is thus a distinct limit to mans either passage or baggage cars. The good, but if they can only give enough dertaking and a great success, but in existence on the earth, dictated by the existence on the earth, dictated by the ultimate exhaustion of the sun. It is, inroad the electric locomotive has made gling institutions that are found alahead. The wiring for the lights will of course, a question of much interest upon main lines, and this was brought ready so widely, they can make a be about ten times as extensive as it about because it was found almost immuch better use of their money. No was at Paris, and it will cost about ation of the sun's beams in sufficient possible to ventilate the tunnel on acabundance for the continued mainten- count of the smoke generated by the compared with those already founded horse-power will be required to run the ance of life. Perhaps the most reliable steam locomotives. Here is a slight ad- for less than \$5,000,000. Harvard has dynamos for this illumination. Some determinations are those which have been made by Prof. Langley. They tive power, but it is inconsiderable com
| \$12,000,000; Cornell, \$6,500,000; the unipopulation of California, over \$6,000,000; the unipopulation of California, over \$6,000,000; stand how a steam engine can produce

ducted under circumstances that give since the first electric tramway was put pect that it will ultimately be raised to of the sun got locked up ages ago, in them special value. I shall endeavor in successful operation. Today the \$20,000,000. Harvard has an income of the primeval vegetation of the infant results at which he has arrived. The confined to engineers alone. Every Columbia over \$400,000; Michigan sickened, died and fell, pretty much in utmost amount of heat that it would railroad official in the country is more nearly \$400,000. The new university a few heaps, and became changed into ever have been possible for the sun to or less acquainted with them, and the being founded by Rockefeller has alcoal, all the while hanging on stoutly that the sun, as a radiant body, may struction and daily calculating the exnot be much older than the period pense a change from steam to the elecon a plane with the best institutions the energy of pressure) to the engine; the engine gives up its energy (now the forth has gradually increased as the steam railroads and millions of dollars There are few men who can afford energy of motion) to the wires and sun rose in temperature. In the early would have to be expended to change the luxury of founding such an institucarry passenger cars around a minia- herst, Bowdoin or Williams, giving a evident, but if you ask how the trans-

in the remote future a limit of the dur- strate pretty well the advantages and and whether tuition is made free or immense losses at each transformation ation of life on this globe. We have possibilities of electricity as a motive not. A school of astronomy to supple- on the way; losses due to the imperfecfor replenishing the waning stores of cars from a central station through an cations, etc., could be added to the uni- just now. The cycle is complete, and the luminary. It may be that the heat overhead line. From the very nature versity for half a million. A single were it not for those losses, we might tween two bodies which were both avoided. Collisions would be impossi- the university of California may be light stored up in a new vegetation, dark before the collision took place, so ble except on long down grrdes, be- added for \$50,000 to \$75,000, and the that vegetation turned into coal, the that, in fact the two dark masses coal- cause the road can be so arranged that sum that would found a starving third- cool burned, the water turned to steam, esced into a vast nebula from which the the part of the line immediately pre- grade "college" may be of great in- the engine run, the dynamo worked, whole of our system has been evolved. ceded and following a train would not terest and giving instruction in one the light burst forth anew. The cycle subject. A fellowship that will allow is complete, but while we look on with the sun may be reinvigorated by a rep- In the recent rapid long distance runs one person at a time to pursue advanc- admiration and wonder, we ought not etition of a similar startling process. It from New York to Chicago it was dem- ed special studies after graduation may to stop short at that, but should look is, however, hardly necessary to observe onstrated and acknowledged by engin- be founded for \$10,000; \$4,000 to \$8,000 back with something more than admithat so terriffic a convulsion would be eers that 85 miles an hour was the limit will found a scholarship that will send ration and wonder to the One who first fatal to life in the solar system. Nei- of speed of the modern steam locomo- one student at a time through college put that energy into the sun and startther from the heavens above, nor from tive. Cars could be run over the road- who would otherwise have been una- ed the great cycle, and guides it yet, on its mysterious awe-inspiring course.-

#### One Pure Baking Powder.

Like Telling a Secret.

A story is told and it is a true story that over seventy per cent, of all the baking powders sold contain either alum or ammonia, and many of these powders contain both. The ill effects upon the system of food raised by alum or ammonia powders are the more dangerous because of their insidious character. It would be less dangerous for the people were it fatal at once, for then such food would be avoided, but their baneful action because imperceptible at first and slow in its advances, is no less certain.

Dr. Price's Cream Baking Powder is declared by all authorities as free from alum, ammonia or any other adulterant. Its purity has never been questioned, and while it does finer and better work, it costs no more at retail than many of the adulterated powders.