McMinnville, Yambill County.
Here is the County seat, Here is published THE TELEPHONE-REGISTER, Monarch of home newspapers, accorded first place in all the Directories.

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VOL. V. NO. 28

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tablished August, 1881. Consolidated Feb. 1, 1889.

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ng of patent medicines, the s: "I wish to deal fairly rably with all, and when article that will do what mended to do. I am not to say so. I am acquaint-Dr. Vanderpool (having ated by him for cancer e used his blood modicine. the S. B. Headache and re, and while I am sevenyears old, and have used pills and other remedies for od, liver and kidneys, I v that for a kidney tonic in disease, as an alterative blood, or to correct the acthe stomach and bowels it ery superior remedy, and nything I ever tried. B. NELSON, Yakima, Wash, ants a bottle, it is the poor man

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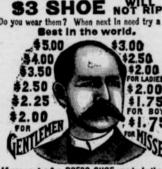
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re courses of study—Classical, Scientific, Normal, Literary and iness, with special advantages in Vocal and Instrumental Music. Busicourse of two years. Graduates of the Normal course are entitled to a State oma, and are in demand to fill high positions. McMinnville is accessible all from all parts of the State, on the main trunk of the Southern Pacific R.

Fall Term Begins September 19th.

McMINNVILLE, OREGON, THURSDAY, AUGUST 10, 1893.

MIGHTY STRIDE OF SCIENCE

Telegraphing! Without; Wires and Tele-

Past Ten Years.

morrow. Telegraphing has been done without wires and has been proved practical. By induction a message is now sent from a moving train, or an electric lamp is kept burning while being carried by hand around a house and from room to room. An inexhaustible store of energy which now the form of the past ten years and house and from room to room. An inexhaustible store of energy which now the form of the past architecture in the past ten years has been far behind the two prospectors. They will make that of European countries, but we something to be thankful for. Ten years ago we had nothing.

Great improvements have been made in the armaments of war vessels.

In astronomy the ten years has been far behind the two prospectors. They will make that of European countries, but we course toward the northern spurs of the two prospectors. They was another attempt to reach the two men, who turned the two men, who turned the two men, who turned the two prospectors. They another attempt to reach the two prospectors. They another attempt to reach the two men, who turned the two more the two more the two more the two men, who turned the two men, who t

OUALEY & HENDERSON, who owns the machinery as the air and unlight to the agriculturist.

Works.

Works.

QUINCY, MASS.

BRANCH YARD—"Holl's Old

BRANCH YARD—"Holl's Old

BRANCH YARD—"Holl's Old

Works.

Lectrically was not produced on coal instead of zinc; by a practical abandonment of the combustion" theory of the sun and many other untenable hypotheses, long by a practical abandonment of the course of the sun and many other untenable hypotheses, long by a practical abandonment of the columns protruding above the sand several feet and arranged so regularly that they seemed to be artificially plantage of the control of the course of the control of the probable that the forces of this plane across the country in a boat, following seat of his carriage, shaped and dressed like a footman, and this innocent looks in the matters of a plane above or outside of it.

The most practical work in chemistry that they seemed to be artificially plantage of the course of the overflow till it emposition. The most practical work in chemistry that they seemed to be artificially plantage of the control of the course of the cou

ele current can be raised to an enorthis loss is of little moment; but in New York harbor an iron hulk in the salt water of the bay has been used to light and heat a house on the shore. The faint current running through the wire, felt, only by a Thompson's gallife. In man, it is now believed, the

The Fine Telescope recently mounted in the New Observatory and the extensive Library, to which students ter of a short time.

Asiatic cholera has been proved by Koch to be a malignant disease of the blood, caused by myriads of the "com-

to the cubic centimeter, but mainly of salt have been unearthed in Oregon.

of the mountain tops" is a myth.

mission has been found and its use at given Venus one revolution on its axis small cost is the problem now being small cost is the problem now being in seven and one half months instead have been added to the list.

street railways of the country. In fac-Stand,
Stand,
McMinnville,
Oregon.

Are prepared to do Cemetery work in

List branches at lotter and the prepared to do Cemetery work in t Are prepared to do Cemetery work in all its branches at bottom prices. Any one needling work of this kind will do es better and cheaper work than the accordance with our experience, however, and the banks of an old canal. Here the accordance with our experience, however, and the banks of an old canal. Here the banks of an old canal. Here the accordance with our experience, however, and the banks of an old canal. Here the banks of an old canal that had the banks of an old canal. Here the banks of an old canal that had the banks of an old canal. Here the banks of an old canal that had the banks of an old canal that had the banks of an old canal that had the banks of an old canal the banks of an old canal the banks of an old canal that had the banks of an old canal that had the banks of an old canal the banks of an old cana

in the United States number 5,000, and ing \$700,000,000 capital invested and 623,000 people engaged in the work. It bearend the branches of science have been pointed branches of science have been pointed has increased in ten years a thousand fold here, and we are not ahead of other civilized countries. But this is as ground work laid for a reconstruction nothing to the future progress, when the Welsh "converter." by which a fe-

dered to commercial uses. The "transformers" are now in use, and with formers" are now in use, and with them a current can be carried over a hundred miles, with a loss of but 28 per cent. As the power producing current can be carried over a hundred miles, with a loss of but 28 per cent. As the power producing current can be carried over a cannot be questioned, but his presence tention has been paid by the collectors of t per cent. As the power producing current costs nothing usually, as in the first power house established at the waterfall of Lauffen-on-the-Neckar, waterfall of Lauffen-on-the-Neckar, this loss is of little moment; but however true the Darwinian theory theless the hardwoods make a good cided that this must have been the \$232,,621,992, the value of the hay ex-

stones of April 26, 1890, from 400 to 700 anthropoid ages finely carved from ba- A MYSTERY OF THE DESERT ing the strictest secrecy, divulged the one species—showing that they were In engineering there have been great The Wonders Developed in The as abundant in the upper strata of the strides. The quadruple expansion en- Ruins of a Prehistoric Temple it, but the men were so persistent that

air where these hailstones formed as in gine and the compound engine are but the lower atmosphere. The "pure air two of twenty-five mechanical devices that have increased man's power over The advancement in sanitary science machinery. In electrical engineering phoning Along a Ray of Light. The has greatly reduced the death rate in the degree of E. E. has been made at Earth an Armature Revolving in the cities. For the decade ending 1860 in many colleges. To fill the demand for New York it was 3,366 per 100,000; for war vessels marine engineering has prothe decade ending 1890 it was 2,254, an duced a fleet that in 1883 was not even In science there have been few really average increase of lengevity of nearly coined in the imagination. The four great discoveries in new fields of re- ten years. The decrease in mortality 10,000-ton ships that had then led the search during the past decade, but the may be expected to continue, for science British navy now fall into second and not gone along with it. Twenty years ago there were only five books on electricity in the United States, today an ordinary expert's library numbers a thousand. The telephone of ten years ago bows to the photophone, for the scientists are now talking to each other along a beam of light—a few hundred feet today, a few hundred feet today, a few hundred feet today, a few hundred miles to morrow. Telegraphing has been done morrow. Telegraphing has been done morrow. Telegraphing has been done to morrow. Telegraphing has been done to morrow. Telegraphing has been done to morrow ago to go there were only five books on electricity in the United States, today an ago there were only five books on electricity in the United States, today an to cruisers 16,500, but here we stop. The largest of the armored vessels of our new navy are but 10,231 tons, and it promises to be of vast interest to our new navy are but 10,231 tons, and the propertunity, despite the protests of the armored vessels of our new navy are but 10,231 tons, and the propertunity, despite the protests of the armored vessels of our new navy are but 10,231 tons, and the propertunity, despite the protests of the armored vessels of our new navy are but 10,231 tons, and the two prospectors, who urged them to our new navy are but 10,231 tons, and the two prospectors, who upged them to our new navy are but 10,231 tons, and the propertunity, despite the protests of the armored vessels of our new navy are but 10,231 tons, and the two prospectors, who urged them to our new navy are but 10,231 tons, and the propertunity, despite the protests of the armored vessels of our new navy are but 10,231 tons, and the two prospectors, who urged them to our new navy are but 10,231 tons, and the two prospectors, who urged them to our new navy are but 10,231 tons, and the two prospectors, who urged them to our new navy are but 10,231 tons, and the two prospectors and it promises to be of vast interect to archael to propertunity, despite the propertunity, despite the propertunity, de

haustible store of energy, which may be used without generation or transmission has been found and its use at small cost in the present of th

The earth has been proved to be a "dynamo," generating electricity by Situated at the Southwest corner of the Fair Grounds. All sizes of

First-Class Drain Tile

The earth has been proved to be a "dynamo," generating electricity by its revolution before a great magnet—the sun. The bold suggestion of ten years ago that it might be a thermopile has been shown to have been too moders. DERBY & BOYER, 41
McMi anville, Oregon

The earth has been proved to be a "dynamo," generating electricity by its revolution before a great magnet—the sun still taught in the country of the sun still taught in the country of the sun. The bold suggestion of ten years ago that it might be a thermopile has been shown to have been too moders. DERBY & BOYER, 41
McMi anville, Oregon

The earth has been proved to be a "dynamo," generating electricity by its revolution before a great magnet—the statellites of the strong on ten with the micrometer and found the years with the micrometer and found the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; knocked off 2,000,000 miles of the estimated off the previous guesses wrong; kn of in twenty-three hours and twenty- Chemistry has been reconstructed it the storage battery for all material force of every kind necessary in labor and have it as free to the manufacturer and hav dreds of millions of stars.

The progress in astronomy is specially marked by the abandonment of the marked by the abandonment of th Electricity was not "practical" until twenty-four hour rotation of Venus, strated. In proving the indestructibil-Electricity was not "practical" until twenty-four hour rotation of Venus, it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will probably soon be followed it could be fed on coal instead of zinc; and this will be for zinc in the coal instead of zinc; and this will

the latter. Heliography has within erything that gives man power over the latter. Heliography has within erything that gives man power over the latter. Heliography has within erything that gives man power over the latter. Heliography has within erything that gives man power over the latter. Heliography has within erything that gives man power over the latter. Heliography has within erything that gives man power over the latter. Heliography has within erything that gives man power over the latter. Heliography has within erything that gives man power over the latter. Heliography has been supplied to the latter of the latter over the brush" now gives light and heat without consuming any material—reproducing the sun and explaining its nature.

The inventions and applications in

The inventions and applications in The inventions and applications in the electric field are too many to even tally. Ten patents are granted daily, a hundred applications are made hourly. Ten years ago the electric plants in the United States numbered thirty—

The inventions and applications in the discoveries at a rate which it is a focus, and that gravity and appeared to be dikes were finely carved granted to be dikes were finely carved

Found by Prospectors.

toward the mountains, a course heretofore avoided, owing to the absence of
water, and showing with the aid of the
water, and showing with the aid of the
ruins are just this side of the line in gave promise of bearing gold. After the country. It will be remembered ing the cholera scare liquors were sur-

columns excellent representations of and importance. "The Oregon collection of woods is serpents' heads, with a huge capstone Yet, notwithstanding the enormous wire, felt only by a Thompson's gal-vanometer, was sufficient when passed through converters to show a voltage of 120. The dynamo may have, after all a brief reign. Gothenburg, supplied with electric power from the falls of Trollhatta, has set an example which Trollhatta, has set an example which

Fig. 1. The dynam may have, filed that matter of the control of th

history of their find.

he finally concluded to investigate,

The party named, after crossing the via the Colorado river, equipped with it is about the same. If you should go that a party of four have left Yuma, is three cents and on a pound of grapes

in the United States numbered thirtynine, with a capital of \$1,298,300, employing 549 persons. Today the plants
in the United States number 3,000, havin the Uni entire party, with two or three days' figured up a total valuation of the hay

The burning question was how to get supply of water and provisions, went to the ruins to make a thorough exploration. They first endeavored to approx-imate the size and, as near as could be the hay crop greatly exceeds in valua-The following is from an article on the World's fair in the Kardwood, of the dimensions were 460 by 260 limits the size and, as near as count of the tion the cotton production, which in as in the case of the dumn limits the size and, as near as count of the tion the cotton production, which in as in the case of the dumn within his own anatomy. nous voltage and a grove battery act- In anthropology the decade has Chicago, the leading publication upon feet. On one side facing east they Indian corn and wheat are the only nally emptied in a minute, are surren- shown an advance that is disturbing to the Hardwood interests of this counfound at the top of two curiously carved two staples that exceed hay in value

THE GATES OF PARIS.

Gorden was at first inclined to doubt Almost Everything that Goes Through

Them Must Undergo a Tax. and, interesting John H. Gay, Jr., one At present the gates and fortificaof the wealthiest men in the city, in tious of Paris seem to be useful princisearching Out the Secrets Nature is Supthe story, they fitted out, and with the pally for the levying of vexatious taxes posed to Have Buried beneath the Burn- two prospectors left for the scene about npon the French people themselves. ing Sand--The Probable Scene of Civili- ten days ago. They reached the foot Of this we were forcibly reminded one zation Coincident With The Construc- of the Laguna mountains, near the day as we approached the Porte Maledge of the desert, without mishap, lot in company with a gentleman who and after filling their canteens and wa- was on his way to fill a lecture engageter kegs, secured the services of two In- ment at one of the great schools of the There is a world of mystery out in the broad expanse of desert lying befor water holes and began a two hundred the services of the broad expanse of San Diego. search during the past decade, but the number of minor discoveries and their applications to human wants and pleasures have been greater than during the preceding ten centuries. It has been a preceding ten centuries are yearly applications to human wants and pleasures have been greater than during the preceding ten centuries. It has been a preceding ten centuries. It has been a preceding ten centuries are yearly applications to human wants and pleasures have been greater than during the preceding ten centuries. It has been a preceding ten centuries are yearly applications to human wants and pleasures have been greater than during the preceding ten centuries. It has been a preceding ten centuries are yearly applications to human wants and pleasures have been greater than during the preceding ten centuries. It has been a preceding ten centuries are yearly applications to human wants and pleasures have been greater than during the preceding ten centuries. It has been a preceding ten centuries are yearly applications to human wants and pleasures are yearly one vessel had it, the Alexandria. To which are the post of honor. Ten years ago had the Colorado river, the least feature of which are the skeletons of men which are the skeletons of men which during the third places and 15,000-ton battle-ships take the post of honor. Ten years ago and the Colorado river, the least feature of which are the skeletons of men which are the skeletons of men which are the skeletons of men which dut the broad expanse of desert lying because the body and the Colorado river, the least feature of which are the skeletons of men which are the skeletons of me preceding ten centuries. It has been a called upon to make adulterations stat-day the same tonnage (9000) cruisers, decade of development in every direction and every line of material progress. The researches of like the Blake, have 20,000 horse-pow-distinct tonnage (9000) cruisers, day the same tonnage (9000) cruisers, decade of the value o out those secrets which nature is supmarvelous, incredible to one who has not gone along with it. Twenty years and so with it. Twenty years are without for fighting ships. Our "commerce-destroyers" will have 20,000 and our like their water supply was reduced, enough and with evident politeness, but it struck the American mind quite. The latest discovery is that recently to return and wait a more favorable it to numerous inquiries,. Paris, it ap-

successful, as a dispatch announced taxed. On a pound of butter the tariff

the final solution was reached by his carrying it through the gates concealed as in the case of the dummy footman,

An Ancient Canal in the Crimea