

Kem and Whitehead at Ord.

In order to get a crowd the republicans skirmished all around over three or four counties and brought in all the boys they could get on free passes, still we had a majority of the voters.

Kem met all Whitehead's arguments with ease. Any school boy ought to be able to answer anything he said. I think he should be called light head instead of Whitehead. Kem don't need to pay any attention to his record. It is all right and speaks for itself.

Yours, HAYSEED.

J. M. Devine at Newport.

NEWPORT, Neb., Oct. 8, 1892.

EDITOR ALLIANCE-INDEPENDENT:

J. M. Devine spoke at this place last evening to an appreciative audience. The issue before the people were ably handled. It was a surprise to many to here such a volume of the past history of issues that have been before the people, flow in such eloquence, and from such a small man. The audience felt loudly paid. The meeting closed with great applause, after which he sold quite a number of badges for campaign purposes.

W. F. BOWLER.

Kem Victorious.

BROKEN BOW, Neb., Oct. 10, 1892.

EDITOR ALLIANCE-INDEPENDENT:

I see the republicans claim that Thurston had an audience of 10,000 at Broken Bow. The audience claimed were here attending Ringling's show. The audience Mr. Thurston spoke to was not over 180 by actual count, and they were mainly independents, whom he disgusted.

The republicans can't get a crowd here any more.

Five thousand people came to hear the Kem-Whitehead debate on the 8th instant. Kem utterly demolished Whitehead, and the republicans are stampeded, many coming over. Kem was carried through the streets, etc.

Each party had a street parade on foot, and the independents were three to one.

Count Custer county 1,000 for the people's ticket. Western Nebraska is alive with enthusiasm. Kem's majority will be between six and eight thousand in the Sixth district. We are truly making gains here.

Kem and Whitehead of Alliance.

ALLIANCE, NEB. Oct. 7, 1892.

Editor ALLIANCE-INDEPENDENT:

The joint debate between Hon. O. M. Kem and Hon. James Whitehead took place here yesterday. The crowd being too large for the hall a "bowery" was made where all listened attentively to both speeches.

Mr. Kem surprised his independent friends by the way he fairly wiped the ground with his opponent, and it was plain to be seen that two-thirds of the people gathered at this republican stronghold were with Mr. Kem. One hearty cheer after another went up from the eager farmers, as they heard Mr. Kem tear down the props that Mr. Whitehead had placed under his arguments.

At the close of the discussion three cheers for Mr. Kem was given with a will, after which he (Mr. Kem) was picked up bodily by the boys and carried about amid the shouts of his happy friends and to the discomfort of the g. o. p. (Greedy Old Pup.)

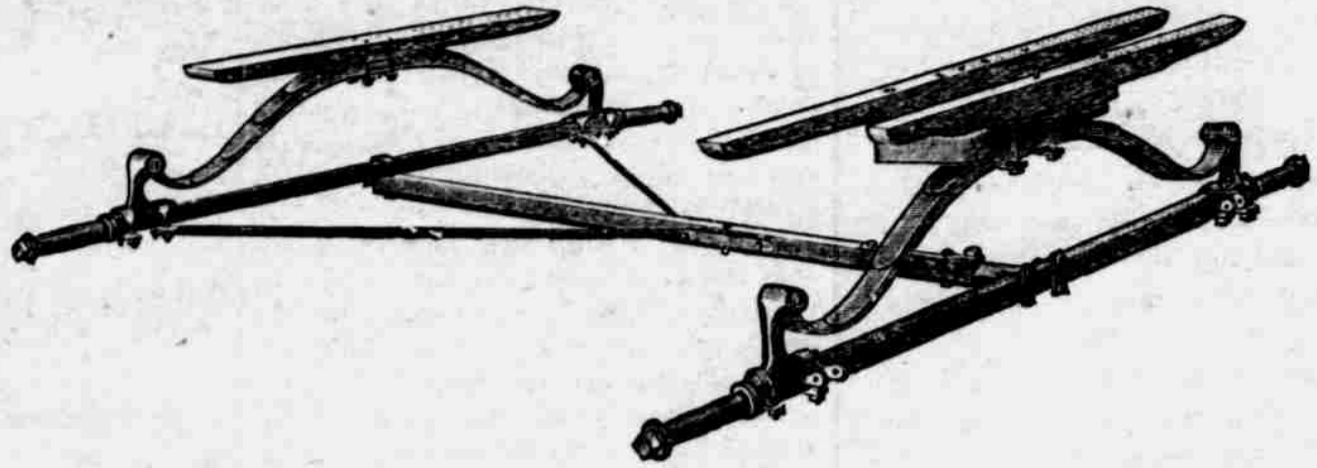
The outlook for the people's party up this way is good. This being a railroad town will probably not be carried by our party, but the country is strongly independent, and will roll up a nice majority for Van Wyck and the p. i. p. on the 8th of November.

J. K. STURGEON.

NEBRASKA liars are not all at home at present. There is one in Washington, D. C. But he lies to Nebraska people through the medium of the Omaha Bee. His name is Perry S. Heath.

NOTICE.

The Fillmore County Alliance is called to meet at Geneva on Saturday, October 22nd, at 10 a. m. A full representation is requested.

Patronize Home Manufactories.

patented october 16, 1889.

The Perfection Gear Wagon,

Simplest, Short Turning, Hangs Low, Absolutely No Rattle. First Class in Every Respect. Just the wagon for Farmers, Grocers, Milkmen—in fact anybody.

D. W. CAMP & SON, Corner O and 16th Street, Lincoln, Nebraska.

Notice.

We received a postal note from Valparaiso last week dated October 3rd. Will the party sending same kindly give name and address as no letter accompanied the note.

For Sale.

160 acres improved land in Webster county, all fenced, good buildings, wind mill and 13-acre hog lot, two miles from Rosemont, six miles from Blue Hill.

C. LYON,
Rosemont, Nebr.

Good Horses.

I have 44 head of horses which I will sell at very reasonable prices. Any one wishing to purchase a horse of any description should write to me at once.

JOE HEBERT, Sidney, Neb.

Crest City Farm.

L. Banks Wilson proprietor of the above noted stock farm is too well known to need an extended notice. The reputation of this firm guarantees to the farmers and breeders the very best stock to be found anywhere. Their list of prize winners includes some of the best horses in America. See their adv. in this paper and write for catalogue.

The Westfall Commission Company of Kansas City have a new adv. in this issue. This firm is the legal representative for the Kansas State Alliance, and will handle grain, hay, etc. for our people guaranteeing fair treatment. Correspond with them and mention the ALLIANCE-INDEPENDENT.

Fremont Normal.

LINCOLN, Neb., Oct. 10, 1892.

It was our good fortune, while in Fremont lately to visit the Fremont Normal school, and we were more than pleased with the general order of things and air of refinement which seemed to prevail in every department.

That its faculty and complement of teachers are unsurpassed is evident. This school offers superior facilities for securing a general education. It is evident that no pains on the part of the faculty, will be spared to make this the ideal school of the state.

Its sessions continue throughout the whole year, so that the student may begin at any time during the year, an obvious advantage over many others. Another feature which we especially noted, was its splendid facilities for boarding and lodging its students. The extreme neatness of the dining hall and culinary department is noticeable.

E. M.

Food for Thought.

"I don't want to go to school," said a six-year-old Boston boy the other day. "I've been learning 'Cat' all the term and I know it, and I want to wait till they begin to learn 'The Cat.'" The incident carries its own commentary on the parrot-like methods still to be found in some of our schools.

VARIOUS KINDS OF TIME.

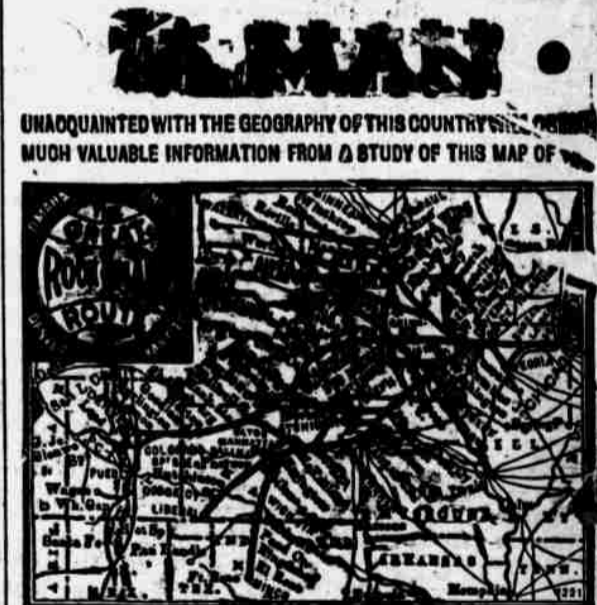
Why the Watch of a Traveler Going West Seems to be Fast.

Turning upon its axis in the period which we divide into twenty-four hours, the sun appears to cross the meridian of each place on the globe once in that interval. The moment at which it crosses the meridian of any place is termed "local apparent noon" at that place. This would all be very well if the earth and sun remained fixed in their relative positions: or if the earth, completing as it does an annual revolution about the sun, did so uniformly in a perfect circle and that circle were in the same plane with the motion of daily rotation. Then the successive intervals between the meridian passages of the sun at Greenwich would all be equal and a perfect chronometer set at 12 hours, 0 minutes, 0 seconds, when the sun passes the meridian today, would indicate precisely the same instant for "apparent noon" every day.

But the earth's path around the sun is not a perfect circle; it is an ellipse, and the motion in one portion of the ellipse is more rapid than in another, causing a slight variation in the intervals between the solar passages. Again, the plans of the earth's path around the elliptic, is inclined 22½ degrees to the plane of the equator, in which the daily rotation takes place, and consequently twice a year the intervals of "apparent noon" are each about twenty seconds greater and twice a year about twenty seconds less than twenty-four hours. To explain just why this result would require more of an investigation into astronomical principles than is here contemplated, but it is so, nevertheless, and any text book will elucidate the reasons. A combination of the two effects causes the sun apparently to slow fourteen minutes in November. But in the course of a year the average is preserved, and therefore a "mean solar day" of exactly twenty-four hours is adopted in the almanacs and is used for all purposes. This accounts for the differences between mean time and sun time. A regulator keeps the former; a sun dial indicates the latter.

A few years ago every large city in the United States had its own local time, says the San Francisco Examiner, and this was for each place the true mean solar time, obtained as above indicated. Consequently, a man traveling westward from Washington would find his watch fast as follows: At Chicago, 42 minutes; at Omaha, 1 hour, 16 minutes; at Denver, 1 hour, 52 minutes; at Salt Lake City, 2 hours, 20 minutes, and finally at San Francisco, 3 hours, 2 minutes. It will readily be recalled how much annoyance both to trainmen and travelers was occasioned by all these various corrections. Within the last decade a great reform

was inaugurated. To-day a traveler going westward finds his watch fast from time to time, but only the hour hand is in error. The hour is changed for each fifteen degrees of longitude. Washington time is five hours slow of Greenwich; Chicago, six hours; Denver, seven hours; and San Francisco, eight hours. All the intermediate cities and towns are run on one system or the other, according to their location in latitude, the standard being Eastern, Central, mountain and Pacific time. All the time-pieces on the coast are set by Pacific standard time, which is eight hours slow of Greenwich mean time. Therefore a watch which is set at San Francisco solar time by means of a corrected sun dial is still 9 minutes, 42 seconds slower than a Pacific standard time, because we are that much in longitude west of the 120th meridian, which forms the eastern boundary of Northern California, and on which only is the "Pacific time" coincident with "local mean time."

**Chicago, Rock Island & Pacific Ry.**

The Direct Route to and from CHICAGO, ROCK ISLAND, DAVENPORT, DES MOINES, COUNCIL BLUFFS, OMAHA, LINCOLN, WATERTON, SIOUX FALLS, MINNEAPOLIS, ST. PAUL, ST. JOSEPH, ATCHISON, LEAVENWORTH, KANSAS CITY, TOPEKA, DENVER, COLORADO SPRINGS, and PUEBLO. Free Reclining Chair Cars to and from CHICAGO, CALDWELL, HUTCHINSON and DODGE CITY, and Palace Sleeping Cars between CHICAGO, WICHITA and HUTCHINSON.

SOLID VESTIBULE EXPRESS TRAINS

of Through Coaches, Sleepers, Free Reclining Chair Cars and Dining Cars daily between CHICAGO, DES MOINES, COUNCIL BLUFFS, OMAHA and LINCOLN, and between CHICAGO and DENVER, COLORADO SPRINGS and PUEBLO via St. Joseph, or Kansas City and Topeka. Excursions daily, with Choice of Routes to and from Salt Lake, Portland, Los Angeles and San Francisco. The Direct Line to and from Pike's Peak, Manitou, Garden of the Gods, the Sanitariums, and Scenic Grandeur of Colorado.

Via The Albert Lea Route.

Fast Express Trains daily between Chicago and Minneapolis and St. Paul, with THROUGH Reclining Chair Cars FREE, to and from those points and Kansas City. Through Chair Car and Sleeper between Peoria, Spirit Lake and Sioux Falls via Rock Island. The Favorite Line to Watertown, Sioux Falls, the Summer Resorts and Hunting and Fishing Grounds of the Northwest.

For Tickets, Maps, Folders, or desired information apply to any Coupon Ticket Office, or address
E. ST. JOHN, JOHN SEBASTIAN,
Gen'l Manager, Gen'l Trk. & Pass. Agt.