## F PACIFIC COAST NEWS

esume of Events in the Northwest.

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Gathered in All the Towns of r Neighboring State - Improveat Noted in All Industries-Oregon. e John Day flouring mill, having nd up all the wheat in sight, is idle.

arion county's assessment for 1896 already cost \$7,000, and the end i itum t yet, says the Statesman.

colony of Illinois people will negle that state in March or April. to floor. in the southern part of Yamhill front ty and the southern part of Polk arded ed Kemper, of Pendleton, who won

agon. puse at a raffle the other day, gave beast back to its original owner and sponded ne in th ed him for taking the cayuse off ad mar gineer Dillman, of the Astoria his no

way, says that there are 400 men ork near Rainier and the Clatscross t e, and that two big dredgers are cessar ig run night and day. Henry Buccholz, a prominent citizen Tamarack, Uamtilla county, is burn-

> n a pit, and he has to watch it y and night, and camps by the pit. The Wallowa stage was wrecked week by an accident on Wallowa

charcoal. It takes five days to

There were three passengers that but they got out to walk just bee the stage started down the hill, so at nobody was injured. meria

G. W. McKinney, of Brownsville, be Nic t week butchered a hog that dressed ez, re omatic 22 pounds, from which he rendered 0 pounds of lard, and the Brownsstry is lle Times asks if any Willamette harged rmer can beat the record. s gov-

Mrs. James Crosby, of Monmouth, at a r., has a family Bible, printed in dinburgh, Scotland, that has been pportanded down in the family for several renerations; crossed the ocean to america, and now lies on the center peti that ble of Mrs. Crosby. It is prized very ighly, and is still in a state of good eservation.

The body of a white man washed hore on the beach about half a mile n Curry county recently. The coro-er's jury was unable to identify the few ody, and found a verdict of death by rowning. The body was that of a nan about six feet tall, with very mall hands and feet, and weighing

about 180 pounds. During the storm in November, Otto nrobenger Kohler shipped 3,500 sheep from The alles to Columbus, Neb., and arrived here in due time, losing only four sheep on the trip. Mr. Kohler writes back that he is feeding his sheep at open e farm of Nie Blazer, an uncle of man John Blazer, of The Dalles, near Co-

John ambus, where he gets shelled corn for in a welve cents a bushel, and other feed corresponding low prices. Sea-

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Jabez Cowles, an old citizen of Clark ounty, died at his home near Woodand last week.

The Ellensburg city council has ade a reduction in the salaries of city ffice officials that will amount to \$30. H. The Spokane street car company's

eccipts during the year have averaged 30 a day more than last year, says the Spokane Chronicle A farmer of Cow City lost 4,000

ushels of potatoes by the November reeze, and a Toledo man lost 1,000 ushels. There seems to have been a eavy loss all over Lewis county.

Blackleg is making its appearance nong the cattle in Kittitas county. Mr. Otis Hyer, stockman and farmer, ays that three of his neighbors have st from six to ten head of cattle, each several missionaries. aused by this disease.

The state treasurer has issued a call or state warrants on the general fund. numbered 13,491 to 13,735 inclusive, mounting in the aggregate to \$21, 51.49. Interest on these warrants vill cease after January 7, 1897.

The Washington State Historical Soniety at Tacoma has filed articles of inorporation. Their purpose is the coltion and preservation in substantial orm of objects of traditional and hisorical interest to the state. Their

iain headquaters will be in Tacoma. Alfred Snyder, 70 years of age, and ne of Seattle's pioneer residents, died the other night at Port Blakely, where he went some time ago to act is tallyman at the big mill. Snyder has always been held in high steem by the older residents who knew him well, and his death is much

Harry Parlin, a brakeman on the O. R. & N., was taken to the hospital at wass of the vote of Maryland for presi-Walla Walla last week, suffering from dent was completed today. Maryland scalp wound inflicted by a coupling-He was standing beside the drawlead when the cars came together in sch a manner as to throw the pin in he air with great force. The pin struck him a glancing blow on the ead, and bounded ten feet higher. Had it struck him squarely it probably

ould have killed him instantly. Secretary Cass, of the state board of ticulture, is authority for the statent that the actual damage to Wash ton orchards from the extreme cold ather of the early part of the month

The recent shipment of four cars of from the Reco mine netted the injuring Joseph Happing, ners \$20,798.50, says the Spokane leaves a family. Happin ,000. This is not the first won-ful shipment from the Reco. A nber of shipments have been made ich ran into the thousands of dollars.

J. B. M'CULLAGH DEAD.

the St. Louis Editor Fell From Second Story Window

St. Louis, Jan. 4.-Jospeh B. Mc-Cullagh, editor of the St. Louis Globe-Democrat, and one of the best-known newspaper men in the country, is dead, as the result of a fall of twenty-five DENCE OF STEADY GROWTH feet from a second-story window of his apartments at the residence of his sister-in-law, Mrs. Kate Manion, of 8837 West Pine boulevard.

There seems to be a difference of opinion as to whether Mr. McCullagh's death was due to an accident or was the result of his own act. The latter story is sconted by the dead man's friends. The body, which was cold in death and clad only in a nightgown, was discovered by Mrs. Manion's colored man-servant about 7 o'clock this morning. Waters, the colored servant, without touching the body, ran frightened into the house, where he told the cook of the discovery She immediately called Mrs. Manion, who had not yet arisen, and told her that Mr. McCallagh had "fallen out of the window and killed himself." Immediately up on being notified by the servant, Mrs. Manion dispatched her coachman to summon Dr. C. Hughes, who resides in the neighborhood, and who was Mr. McCullagh's physician during his last illness. hastened to the house, and, after ex-amining the body ordered it removed

PERPETUAL MOTION.

The Clever Device o a Minnesota Inventor.

St. Paul, Jan. 4 - J. G. Kaller, of Mankato, Minn., has applied for a patent for an invention which he says will take the place of steam engines and electric motors.

The device is called a hydraulic motor, and the principle upon which it works is the natural one which causes lighter substances than water to raise to the surface. An endless chain of small air-tight tanks is placed over two sprocket wheels in such a manner that on one side it will pass upward through a large tank of water.

As each air tank enters the water-tank from below through a water-tight valve, it will be forced to the surface by the superior weight of the water and in this way the chain will be in perpetual motion, revolving the sprocket wheels to which shafts are attached.

Thus, if the claims of the inventor are true, the motor will run on indefiouth of the mouth of Hunter's creek, nitely without feul. He claims that the first cost will be less than of a steam engine, while the operating expenses will be so small that all other motive powers will be driven out of use.

Hydraulic motors to furnish any horsepower required can be structed.

### A MINISTER DEPOSED.

His Faith Cure Doctrines Opposed by His Congregation.

Monmouth, Ill., Jan. 4 -At a meeting of the Monmouth presbytery of the United Presbyterian church, Rev. J. G. Stewart, of this city, was deposed from the ministry and also from church membership. Owing to the peculiar features in connection with this case, much interest has been manifested in

About two years at policy of the United Presbyterian faith, doi:

evangelist. Sudde cause of faith cure, healing through The church reprimanded and prayer. admonished in vain. Several trials ensued, resulting in his suspension from the ministry. Last fall he made appli-cation before the Illinois synod for re-movement instantly. That body referred the instatement. case back to the Monmouth presbytery, which was unanimous for expulsion.

For the past year Stewart has been engaged in the formation of what is known as the Full Bible church, which advocates his peculiar doctrine. has organized a church at St. Louis and one in this city. He has also sent out

## Perished in a Mine.

City of Mexico, Jan. 4 .- A terrible disaster has occurred in the Santa Gertrusi mine at Pachuca, one of the most famous silver mines in the country. For some cause not known fire broke out in a level of the old southern workings yesterday, shutting off the exit of thirteen Mexican miners. Miners on the outside went to work to try to put out the fire and save the men. One Englishman named Richardson, an experienced miner, went down in charge of the rescue operations, but perished from suffocation. All the Mexicans died from the same cause, or from burning. The bodies have not yet been recovered. The affair caused great excitement, as it is one of the worst accidents in the history of Pachuca.

Chicago, Jan. 4 .- The official canwas the last state to report. The total vote of the United States was 13,888,-The vote was cast as follows:

McKinley, 7,101,401; Bryan, 6,470,-656; Palmer, 185,956; Levering (Prohibition), 130,560; Bentley (National), 14,392; Machette (Socialist), 33,539. McKinley's plurality was 630,742, and his majority 316,399.

Explosion in a Powder Mill.

Xenia, O., Jan. 4 .- A mill belonging to the Miami Powder Company, cated at Goes, five miles north of this city, exploded this afternoon, killing Jacob Kreitzer instantly and fatally married. The love is \$7,000.

It is a fact not general under the

# CLOSING UP THE OLD YEAR

Triple Murder in an Atlanta Boarding House.

THE ACT OF AN INSANE MAN

Guests Were at Dinner When One of the Boarders toncluded That All Must Go-Two Badly Hur!

Atlanta, Ga., Jan. 4 .- A triple murder was committed New Year's eve in a boarding-house kept by Mr. and Mrs. G. W. Allen, at Poplar Springs, a sub-

urb of this city. Just as the inmates of the house were sitting down at the supper table, Theodore Flannagan, a boarder, entered the dining-room, smiling and greeting the guests with "Good evening, my friends." He added: "The old year is going, and I think all of us would better if we were done with it.' He then whipped out a revolver and "Prepare to meet your God shouted:

Without further warning, he fired into the affrighted people. The first bullet went crashing through the brain of Mrs. Allen, an old lady of 65. She fell to the floor dead, without a word. G. W. Allen, aged 70, was the next victim to fall. The next bullet killed The next bullet killed Miss Ruth Slack, the 18-year-old daughter of Colonel Slack, of Greensboro, Ga., who had arrived at the house on a visit. Other boarders ran out into the street to seek safety, two of them badly wounded by the flying bullets. Flannagan is now in jail having narrowly escaped lynching. He feigns dronkenness, but the testimony of all who were present was that the man was perfectly sober when the shooting occurred.

THE BLIND SAW.

An "X" Ray Penetrated Sightless Eyes in New York

New York, Jan. 4 .- The Herald says: The "X" ray has given a glimmer of light to eyes that had been sightless for ten years. The subject of the test was John F. Martin, who is submitting to experiments as a substitute for Charles Broadway Rouss. Martin has submitted to a series of tests, perhaps half a hundred.

o attendants took him to the office of Dr. David A Edson. The blind man, though he has grown accustomed experiments, was visibly nervous. He was placed in front of the electric apparatus, the fluoroscope was placed at his eyes and the "X" ray turned on. There was an instant of the snapping of the current, then absolute stillness. as all in the room watched the face of the man in front of the electric glare. At length Dr. Edson said, "Do you see anything?"

"No," answered Martin.

His lips had scarcely framed the reply when there rang from him, "I can see-I can see light," and the joy in the tone moved all who heard it. Dr. Edson at that turned off the ray.

Martin was deeply moved by the gleam which had penetrated his long darkness and he was led to a seat to compose himself before the experiment was continued.

Dr. Eison questioned him about the effect of the ray, but the blind man only repeated that he had seen light.

Again the fluoroscope was placed be fore him. This time he received the impression of light more quickly, and when he had reveled in it for a moment a piece of metal was passed in front of

"It is a shadow," he said, "but it is like the sun going behind a cloud. Enough had been done for a day, and the man, rejoicing in even this little relief that had come to his years of blackness, was led from the office.

## OUTRAGE AND MURDER.

A Man and Woman Charged With Kill-

Topeka, Kan., Jan. 4 .- Al B. Williams, aged 32, and Mrs. Jane Mayes, aged 21, living north of this place, were arrested today, charged with the outrage and murder of Anna Belle Williams, the 12-year-old girl whose body was found Wednesday near En-The body bears evidence of a dora. dreadful assault on its person. The finger marks on the neck and body shows that the murderous fiend who committed the assault covered up his foul work in sealing her lips with death by strangulation. Williams is the father of the girl and accuses the Mayes woman of the deed. The pair agreed to take the girl to Kansas City, order to have her placed on a po farm, the woman to accompany the girl. She says that when they reached Eudora she became sick, and a strange man offered to take care of the girl. That is the last she saw of Belle. pair are in jail, and the officers expect to prove a deliberate scheme to make away with the girl.

Stoneham, Mass., Jan. 4.-The strike at the shoe factory of B. Jenkins was settled today, over 400 operatives returning to work. strike was ordered because of a 10 per cent reduction in wages, and a compromise has been effected.

Darien Island Inundated

New York, Jan. 4 .- A Herald spe ial from Panama says: The island of Acordu, in the gulf of Darica is par-tially inundated. Forty-five houses have en washed away and three perso is known, were drowned. extent of the damage is not known as yet, but the indications are that it will

Mexico pays \$12,000,000 interest year on that pertion of her debt held in foreign countries. WEEKLY MARKET LETTER.

Downing, Hopkins & Co.'s Review of

The wheat market has every indication of an upward tendency. It hardened steadily last week in the face of loal bank failures, and was only affected by them temporarily. A good per-centage of the local traders were afraid to go into the market, owing to the unsettled condition of finances at Chicago last week. Local influences, however, are only of a transient character, the market being governed more by foreign advices, and also by the great strength of the domestic situation, which overshadows almost everything in the way of local bearish factors. Had the market been a local one prices would have gone lower, but the timely buying of foreigners offset the bearish influen and made sentiment bullish, over-riding everything bearish. traders who were sharp enough to foresee their wants early in the fall, and took adayntage of it by buying them from three to four months in advance, almost before the American speculators were aware of it, have come in the marwithin a week and taken millions of bushels of both cash and futures for shipment during the next four months, while local traders were as a rule afraid to take the buying side. It is claimed by operators in a position to know that there is a larger short interest than at any time within sixty days. The Northwest is short against its cash holdings there. Foreigners have absorbed the suprlus wheat that is affoat in the pit. It is difficult to buy any large lines without sending prices up rapidly, if any of the recognized leaders are credited with being at the back of the orders. This leaves the market in a stronger position than ever, and those who watch the pit operations closely are confident that prices will advance to 90c within the near future. The visible stocks are 14,000,000 bushels less than last year. Foreigners are expected to lead the buying again next GENERAL MARKETS.

PORTLAND, Or., Jan. 5, 1897. FLOUR — Portland, Salem, Cascadia and Dayton, \$4 50; Benton county and White Lily, \$4.40; graham, \$3.75; superfine, \$2 50 per barrel.
WHEAT—Walla Walla, 81@82c; Valley, 84@85c per bushel.
OATS—Choice winte, 40@42c per bushel; choice yray, 38@40c.

el; choice gray, 38@40c. Hay—Timothy, \$13.00 per ton; clover, \$8.00@9.00; oat, \$8.00@10; wheat, \$8@ 10 per ton.

BARLEY—Feed barley, \$21.00 per ton; brewing, \$22.

brewing, \$22.

Millstupps — Bran. \$15.00; shorts, \$16.50; middlings, \$23.00.

Butter—Fancy creamery is quoted at 45c; fancy dairy, 35c; fair to good, 90.00914. 45c; fancy 20@22%c.

75c: Garnet Chiles, 70@80c; Early Rose, 80@90 per sack; California river Burbanks, 55c per cental; sweets, \$1.25@2 per cental for Merced, \$2.50 for Jersey Red. POTATOES. - Oregon Burbanks, 50@

Onions-85c per sack. POULTRY—Chickens, mixed, \$2.00@ 3.00; broilers, \$1.50@2.00; geese, \$6.00; turkeys, live, 12%c; ducks, \$3@4.50

er dozen. Eggs—Oregon, 321/c per dozen.

CHESSE — Oregon, 11c; Young America, 12c per pound.

Tallow—Prime, per pound, 21/2 @3c;
No. 2 and grease, 2@21/2c.

Wool—Valley, 10c, per pound; Eastern Oregon, 6@8c. Hors—New crop, 9@10c.

BEEF-Gross, top steers, \$2.75; cows, \$2.00@2.25; dressed beef, 4@5½c per MUTTON—Gross, best sheep, wethers, \$2.75; ewes, \$2.75; dressed mutton, 5c

per pound.
VEAL—Net, small, 5c; large, 41/20 per pound. Hogs—Gross, choice, heavy, \$3.25@ 3.50; light and feeders, \$2.50; dressed, \$3.50@4.25 per cwt.

SEATTLE, Wash., Jan. 5, 1897. FLOUR—(Jobbing)—Patent excellent, \$5.25; Novelty A, \$4.75, California brands \$5.60; Dakota, \$5.50; patent, \$6.25: buckwheat flour, \$6.50; per cwt, \$4.00; graham, \$4.50 per bbi; 10-1b \$6.25: buckwheat flour, \$6.50; per cwt, \$4.00; graham, \$4.50 per bbl; 10-lb sacks, \$2.50 per cwt; rye flour, \$5.00 per bbl; 10-lb sacks, \$2.50 per cwt; rye meal, \$4.50 per bbl; per cwt, \$2.40; rolled oats, \$5.75@6 per bbl; hominy, \$2.50 per cwt; cracked wheat, \$3.25; rolled wheat, \$5.50 per bbl; whole rolled wheat flour, \$2.75 per cwt; pearl barley, per 100 lb sacks, \$3.60; split peas, 4½c; table commeal, yellow, \$1.70 per cwt in 10-lb sacks; 50s, \$1.60; white, 10s, \$1.80; 50s, \$1.70; flaked hominy, \$2.50 per keg. Wheat—Chicken feed, \$27.00 per ton. Oats—Choice, \$24@25 per ton. Barley—Rolled or ground, \$22.00 per ton.

Corn-Whole, \$22 per ton; cracked \$23; feed meal, \$23. MILLSTUFFS—Bran, \$16.00 per ton;

shorts, \$19.00. ED-Chopped feed, \$19.00 per ton,

middlings, \$24; oilcake meal, \$28.

HAY—Puget sound, per ton, \$9@10;
Eastern Washington, \$13.

SUGAR—Golden C in bbl, 4%c per lb;
extra C in bbl, 4%c; dry granulated in bbl, 5c; cube, 6%c; powdered, 5%c BUTTER-Fancy native creamery, brick

CHERSE.—Pancy hattve creamery, brick 26c; select, 23c; tubs, 22c; ranch, 18c. CHERSE.—Native Washington, 10@12c. POULTRY—Chickens, live, per pound. hers, 7@8c; dressed, 9@11c; ducks, \$2@ 3.50; dressed turkeys, 13g 15c. Eggs—Fresh ranch, 28c; Eastern, 23@ 24c over des.

24c per doz.
FRESH MEATS-Choice dressed beef, steers, 5 2c; cows, 5c; mutton, sheep, 5c

per pound; lamb, 6c; pork, 5c per pound; veal, small, 6c. Provisions—Hams, large, 12c; hams, small, 12½(c; breakfast bacon, 10c; dry salt sides, 6c per lb.

SAN FRANCISCO, Jan. 5, 1897.

SAN FRANCISCO, Jan. 5, 1897.

POTENTORS — Garnet Chile, 40@50c; sainas Burbanks, 85c@\$1; Early Rose, 70@80c; River Burbanks, 30@40c; Sweets, \$1.25@1.50 per cental.

ONIONS—50@60c per sack for yellow. Egos—8tore, 23@20c; ranch, 30e; ducks, 25c per dozen.

BUTTER—Fancy creamery, 22c; do seconds, 20@21c; fancy dairy, 21c; seconds, 17@18c.

CHERSE—Fancy, mild. new, 11@12c; fair to good, 9@10c; Young America 11@12½c; Eastern. 19@22c per pound

To Load Logs. Roll the log on a good-sized pole, back the wagon, the butt end of the log should be about the center of the hounds, then get a thick block, a, and pry up with a stout pole, b, and while the boy is bearing down on the pole quickly fasten the log chain, c, securely around the log. Next insert a stout pole, d, about 6 or 8 feet long under the chain on top of the log. While bearing down on the pry pole have the boy place a thick block across the hounds the thicker the better. This takes the strain off the hounds. Let the pole rest on this and the log is loaded. In loading a large heavy log, pry it up and

place a thick block under it, fasten the chain as before, insert the pole, bear down on the pry pole, have

A SIMPLE WAY TO LOAD LOGS.

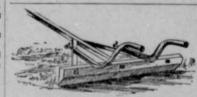
the block placed across the hounds, and the log is again loaded. By this simple method one man and a stout boy can load any reasonable size log with out any heavy lifting.-Farm and

Hard-Milking Cows.

There is nothing more provocative of profanity than to milk a hard-milking cow, especially if she is a kicker, as the hard milker is apt to be. Farmers who pray that they be not led into tempta tion ought to give more care to the kind of cows they keep for their boys and hired men to milk. It is a pretty serious business putting temptations to swear in other people's way. There is another reason why the hard-milking cow is not likely to be profitable. To easy-going people, too good tempered to be profane, the temptation takes an other form, that is, not to swear at the cow, but to stop milking her before all the milk is exhausted. Thus many a cow has dried up prematurely and never given her owner any profit, while if she had been an easy milker she had the capacity to become as good a cow as any in the dairy .- American Cultivator.

Lawn or Garden Leveler.

Our Illustration, which is from the American Agriculturist, shows a serv iceable, home-made implement for lev



eling lawns and gardens, or for doing grading of any sort. It is made from a plank, beveled on one edge, the edge being protected by a strip of sheet iron. Into this is set the framework that is shown in the illustration. Ash strips can be bent easily into shape for the handles, or old plow handles can be utilized.

A Valuable Object Lesson. At a recent American Institute fair at New York City, the State Experiment Station made an extensive display of fruit, grown on the station grounds There were 225 varieties of apples, each specimen having been selected as typic al in shape, size, color, marking and general characteristics of the variety represented. The fruit was the resul of the highest knowledge of culture and care and treatment known to the business. The collection was an object lesson in fruit lore of unmeasured value to those in search of knowledge in this special direction. This station is doing double service in thus giving to the

Storing Vegetables in Basements. Farmers who are fortunate enough have barn basements miss the best advantage of them if they do not use the basement to store a great variety of roots and vegetables there, and thus relieve the house cellar of the unpleasant and also unhealthful odors from stored and fermenting vegetation. It is not hard to keep a deep basement free of frost all winter. If the basement is near the surface, a bank of earth outside enclosing an air space will keep frost out. In the very coldest weather a few corn stalks thrown over vegetables or roots or some loose blankets over these will protect them sufficiently.

Hog Lice. I have been troubled a great deal to get rid of hog lice, and the best way I have found yet, that is a success, is this: much in the warm weather as cold):

put one-fourth kerosene oll and three fourths water and a little sulphur, and, when I have a warm day in the winter, apply behind the ears and front legs, on the flank and root of tail. Give them a clean bed at the same time. After two or three applications I find the lice gone and nits killed. I have no hog lice now, and my herd is in the best condition it ever was .- W. H. W., in American Swineherd.

Poultry Notes. Chopped onlons are beneficial if fed to your stock occasionally. Squabs are ready for market as soon

as they are well feathered just before they leave the nest. Provide your poultry with a warm

coop and a good scratching place if you want eggs in winter. White Wyandottes lay brown shelled

eggs as a rule. They are equal to Plymouth Rocks in this respect. In order to secure satisfactory re sults it is customary to mate cockerels

with hens, and cocks with pullets. Never use kerosene on the body of a fowl. Lard alone is sufficient. All greasy substances will soil the feath-

Sheep in the Orchard.

I have five acres that is partially covered with apple trees, some of which are quite old. For several years no crops have been raised on the land. For a few weeks in the spring it is used for pasturing cows, and during a portion of the summer and fall sheep are given the run of the field. They lie under the shade of the trees a greater part of the day, where a good share of their drop-pings is left, which seem to be a great benefit to the trees, and all wormy and defective aples are quickly eaten as soon as they fall. I now raise more and better fruit, and believe it will pay any farmer who has an apple orchard to keep sheep .- John Jackson, in "Michigan Fruit Grower."

Corn Husks for Beds.

There is no nicer cheap mattress than can be made from dried shredded corn husks which every farmer can save while doing the fall husking. They are much cleaner and more durable than straw mattresses, and to most people more pleasant than the iron mattre now so common, although where the bed has an iron mattress, it be the direct point at which lightning the strikes a house. We bed has an iron mattress, it is likely to will aim when it strikes a house. We believe if farmers made more of their corn husks into mattresses, they would get well paid for their labor when peo-

ple learned where they could be had. Casting Farm Accounts. Towards the close of each year the farmer should imitate other business men, take an account of stock, and estimate as closely as he can how he stands financially compared with previous years. Do not omit this because the account may not present so favorable a showing as you would like. Not to be willing to face facts is cowardly and unmanly, even though those facts seem & greatly against us. Seed time and has vest do not fail to the farmer. He at least is sure of his living. If he be free

from debt he is really the most independent citizen, Care of Wheat in the Fall. If the late heavy rains have left any water standing in low places on wheat fields furrows should be run through these places, to take the water off or diminish its damage. Wheat will surely be killed wherever water freezes down to the ground over it. But usually with the opening of frost the water sinks down to a lower level. If there is an underdrain pear sometimes a sheet of ice will form over the water at night, and by morning all the water under it will have disappeared. In such case the wheat is benefited rather

than injured.

A Cheap Bag-Holder. We glean the following idea from the "Farmers' Advocate:" Take an inch board, three feet long by 14 inches wide, and slant it. Then take two slats, three inches wide and three feet long, and nail them upright to the board about five inches from the top, to serve as feet. Drive a wire nail through each corner of board, and turn them up a little to hook the bags on. Nail the board down at the bottom, and one man can fill and tie the bags as fast as two men can clean the grain.

Fall-Fown Lettuce. Lettuce is so hardy that a little sown very late in fall and slightly protected in winter will get an earlier start than it can if planted then. It is best not to sow early enough to have the seed germinate in the fall, though earlysown lettuce with pretty thick covering has wintered safely in winters moder ately warm, or with plenty of snow to keep the lettuce covered.

Onions, Cabbages and Flats

"You see, it's this way," he explained to the landlord. "I don't want to seem unreasonable, and I don't want to die public exhibits of their works first in tate what a man shall eat. I realize testing the varieties and showing their also, that you can't very well stipulate merits, and second in giving an object in the lease that a recognized article lesson of their type and characteristics of food that is in good repute but bad odor practically all over the country shall not be cooked on the premises Again, I am prepared to concede that onions and cabbages are all right in the right place, but I feel that, in justice to myself and the neighbors, I must protest that a flat building on a warm day, when the windows are open, is not the right place, especially if the day be Sunday and the time about I understand perfectly that you can't do snything as matters are now, but I rely upon your support when I introduce a measure in the council regulating the use of onions and cabbages in flat buildings."-Chicago Post,

The greatest depth, writes Prof. See. ley in his "Story of the Earth," which earthquakes are known to or

nate is about thirty miles. It has also been calculated that a beat sufficient to melt granite might occur at about the