## EDISON'SLATEST TRIUMPH

BATTERY TO REVOLUTIONIZE PORT-ABLE POWER METHODS.

It Is Almost Indestructible and Weighs Only One-Third as Much as Those Now in Use.

The announcement that Thomas A. Ed-ison has invented a storage battery of great economic possibilities has been widely heraided as another achievement of this woodschild contraction and the production of this wonderful constructive genius, but because we are so used to his perennial power for wonder-working, the true sig-nificance of the event is apt to be underestimated, yet this latest achievement of Edison is probably destined to work as great changes in its way as did the electric light, says Theodore Waters, in the Kansas City Star. It is the successful realization of an idea on which millions of dollars have been ment and for which the same way found the raised. Edison in the same way have always followed this rule. When he perfected the phonograph he made a test of its endurance. He handed a cylinder to one of his men with the laconic direction: "Work this until it wears out?" The man set to work counting the number of these he used the counting the number of of dollars have been spent, and for which scores of inventors have labored the best

part of their lives. ce 1860, when Plante discovered the lead cell, there has never been a moment when some experimentalist has not been when some experimentalist has not achieve what Edison has just same way the inventor handed his storage achieved—the successful hottling up of battery to a workman with directions to power which might be transported safely and used again at any time and place, and used again at any time and place, just ake any other form of merchandise. Hundreds of forms of storage batteries have been invented, but the ilmitations have generally far outweighed the good points of each, and it has become an axiom in the trade that storage batteries are far more unreliable in critical moments than racehorses.

The fact must be easily apparent to everybody that the ability to carry around in the paim of one's hand the power that can, so to speak, move mountains, would be almost an emulpotent possession. And this, in a lesser degree, is what the suc-cessful storage battery means to mankind. Storage batteries composed hereto fore of destructible lead have in the first place been too heavy for anything but gtationary work, and in the next place too delicate to be handled by anybody but a highly-skilled engineer. The Ed-son battery, made of thin but indestructfble steel, is so light that you may hold in your hand a cell which is equal in power to one of the lead variety that could hardly be lifted by two men, and which defies even a deliberate attempt to do it harm; a fact proven by Mr. Edi son, who commissioned one of his men to try every means of wrecking the cell short of actually tearing it apart.

It is an axiom with Edison that if an invention shows one or more defects the mderlying principle must be wrong; his idea being that if the correct principle is determined upon in the first place all of the details of the mechanism will become evolved naturally and take their allotted places in the completed machine. In his mining plant on Mount Musconetcong the writer has admired the complicated work-ing of mechanism that filled a large building from cellar to roof, and then has been smazed at the inventor's determination to rare the whole affair, building and all, to ground, because the impossibility of ninating some defect convinced him that the principle was wrong in the first place. But Edison's indefatigability ap-parently carries him to the very ends of things. For instance, he made exactly 1800 experiments before he hit upon tungs-tate of calcium, to be used in connection with the fluoroscope for making the penetrating power of x-rays visible to the human eye. I once saw him laboring with an ore furnace, trying to repair the draft so that there would be exactly the same beat in all parts of the furnace. It was midday, and he was cating his luncheon on a workhench. He had not slept for 24 hours. I asked him how long he expected to keep it up. He answered: "All night tonight and iomorrow and tomorrow night and the day after tomorrow, if I can stand it." He perfected the flue system, how-

ever, before the next night.
In view of his axiom, therefore, it could have been asserted by any one who knew him that his new battery would differ rad-ically in principle from all that had been used before, that it would differ even from the hundreds he had himself invented and discarded. He set himself the task of inventing a battery that would not deterior-nie by work; that would stand rapid charging and discharging and careless treatment; that would have a very large storage capacity and would be inexpen-

"Just what that means," said one his men to the writer in the laboratory recently, "may not strike the popular mind. In the first place, Mr. Edison set out to discover what was the matter with the old lead ceil, and after a ber of experiments he made up his mind that 'the principle was all wrong.' He tried to combine other materials with the lead. He tried dozens of solutions known to chemistry, and other dozens known only to himself. He dropped lend and turned to other metals, trying one com-bination after another. He changed the form and the capacity and the density of each, and he discarded them one after another. Sometimes certain metals would seem to work, and we often thought him on the high road to success. Then there would arise some defect. The cell would not stand up to enforced work, or it would not stand rapid charging, or perhaps it was perfect except in that it would not stand careless treatment-and then away it would go after its fellows into the scrap plie. Finally Mr. Edison made up his mind that from and nickel variously comclined with other substances must be the metals he wanted. And after that he began to see the end of the struggle.

the world.

tery will weight one-third as much.

there is the feasibility of getting rid of

objectionable trolley wires. Its bearing on the development of the automobile is too

obvious to need comment. The value of

men might set out each day in wagons collecting cells to be charged and deliv-ering full cells in their stead to be used

Mob Bent on Lynching.

BRISTOL, Tenn., Dec. Zi.-Dayton H. Milier, the coal company treasurer, who

But here arose a contingency which the man in the laboratory did not mention-a contingency which would have balked most men. In order to use fron and nickel the metal first must be so treated that peculiar shapes and a remarkable degree of thinness could be obtained. There were no machines in existence that could give it the peculiar shapes, and not one of the rolling factories then working could urn it out thin enough to suit the inventor's needs. Mr. Edison therefore immetion of machinery that would give him what he wanted. He made a hydraulic press that in itself is a wonder, and a at in itself is a wonder, and a machine that will render nickel But the feature which more nearly contain that any one seeing and cerns the home comfort of the greater rolling machine that will render nickel holding it for the first time might declare it a piece of thin aluminum, or perhaps a form of stiffened thatol. mass of the people is the adaptability of the cell for country house lighting. The cell may be charged in three and a half

Of course cells may be made of any

thickness, according to the number of plates put in each, but those to be used plates put in each,
for automobiles, which is the kind made
so far by Edison, appear externally to be
about the size of those flat tin boxes into
which brokers thrust stock certificates,
which brokers thrust stock certificates,
the size of those flat tin boxes into
electric generator he could bottle up
enough current to give him light at night,
it would be quite possible to establish
that the size of those flat tin boxes into coat pocket. Nevertheless, this flat box is made of thin sheet steel. The plates that are contained in the box are the cell-charging stations, from which workessential elements of the battery. They are also of steel, and when first made resemble small window frames in which oblong slits have been cut to receive the panes. Into each of the slits, in lieu of window glass, go little flat perforated steel boxes, which contain the active material in which the electricity is stored. The boxes in the positive plate contain a milely divided compound of iron mixed with thin flakes of graphite. The boxes in the negative plate contain a finely divided compound of nickel mixed also with graphite. A little flat perforated box of the material is placed in each window of the plate, and then the whole plate boxes and all, is placed in each window of the plate, and then the whole plate boxes and all, is placed in each window of the material is placed in each window of the plate, and then the whole plate, and then the whole plate that the whole plate the plate, and then the whole plate the window of the material is placed in each window of the plate, and then the whole plate the plate, and then the world, and city this morning on route to his dy the uncorrected by the each each of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of the cause of his miss unficiently to tell of finely divided compound of iron mixed with thin fiakes of graphite. The boxes ber of hours, a like quantity of electricity | Grant

may be drawn off from it again at any Now the inventor reached this stage of

his work nearly a year ago. In other words, he perfected the battery during the latter part of 1500. But cautious lest some unnoticed weakness might develop after all, he made a number of personal tests, at the end of which he seemed worried. "Why," he said, "I cannot break it down. It is too good to be true." Then he followed Darwin in the manner of treating his discovery. When Darwin treating his discovery. When Darwin evolved his system of evolution his natural scientific caution prevented him pub. lishing it. He was afraid his brother sci-entists might see in it some flaw which had escaped his own observation. thereupon set to work to find arguments against it. He waited a number of years before he dared announce it to the world, and he did so then only after he had suc-cessfully answered every objection that could be raised. Edison in the same way man set to work counting the number of times he used the cylinder. Several days later, when it had "talked" for the ten thousandth time, he told Edison that, far from wearing out, its "voice" sounded clearer than ever. Edison told him he

might discontinue the test. And in the same way the inventor handed his storage

The

Trial

Balance

-St. Paul

Pioneer Press.

Thus the Rule to Bar Out Foreign Bidders is Defented-Accommodating People May Get Hurt.

MAIL CONTRACTS.

WASHINGTON, Dec. 18 .- The Postoffice department anticipates some little trouble over contracts for carrying the mails on star routes in Western States, under contracts that are to be made for a term of four years, commencing July Under the recent advertisement, bidders have been required to be residents along the routes on which they submit proposals, the object of this ruling being to bar out the speculative bid-ders who have worked so much damage

to the service in the past.

But this rule has not accomplished the purpose sought. It has been discovered that speculative bidders have induced different parties living on the several routes, to submit bids upon terms which they indicate promises to former the they indicate, promising to furnish the necessary bond called for by the de-partment. The department finds that

SCHEMERS GET AROUND IT bears witness of its long and interesting history. It is a highly picturesque city, with the new and the old in curious juxtaposition. Many of the buildings have an overhanging story supported on a col-onnade, and the old almshouses and an-LOCAL FOLK HELP THEM TO GET cient taverns and churches intervene be-tween modern tactories and business blocks. There is a fine library conducted on lines very similar to those of the best American public libraries. There are frequent bul-letins, and the librarians are helpers of readers, and not mere custodians of books, as is still so often the case in English libraries. University College draws students from all England, and in connection with it there is a fine and well-equipped technical school, where lace and beginn making her special strenton. hosiery making has special attention.

On the Moving Stairs.

"Yes, they are funny sometimes; but you would get tred watching them," said the man at the foot of the moving stairs in a big department store. "So many or

them do the same things,
"Women are never satisfied to stand still and go up; they want to walk, too and they nearly always manage to have a foot on a joint when the time comes for it

to bend. Lots of them sit down, and then find trouble getting up off the floor quick enough when it gets to the top.
"Ever try to come back? No; I never saw them do that, though they often look as if they wanted to. They stick to it, It's funny the difference between men and women on this thing. The women don't

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maria- Silver James 2500 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100

16.00

**DUTTE BELLE BETTE BUTTE** 

Little Astracte - Dell 225

2275

thick Hank's Timely

On Farm-Box

Nother Solitaire 125.00

My Wife

Box of Buyers Best 250

Toiles Det

Father Case quarto 25.00

Nother - China Ded 40.00

Clarence - Paint box 5.00

me - Shotgun 2200

300

Will a Botte

AT THE HOTELS.

THE PERKINS.

THE PERKINS.

J H Rinehart, Summerville
W C Burgen, Goldendi
W H Brewster, Vancy
J A Blanco
Jass Brown, Japan
Wm Jaser, Japan
Wm Bashfer, Jo
E W Dixon, Sentile
C B Upton, W W
J A Russell, Island Cy
T W Tandy, Urnatilla
M M Dixon, San Fr
Julia Olds, San Fran
H I Thomas, Seattle
S E Squires, Seattle
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Hotel Branswick, Senttle.

Donnelly Hotel, Tacoma

A single brewery in Munich uses 118 railway

|    | STATIONS.                | temp  | pitation<br>12 hours | elocity | trection | er.                       |
|----|--------------------------|-------|----------------------|---------|----------|---------------------------|
| 1  | Astoria                  | 48    | 0.36                 |         | s        | Cloudy                    |
|    | Baker City               |       | 0.00                 |         | NE       |                           |
|    | Bismarck                 |       | 0.00                 |         | N        | Clear                     |
|    | Bottee                   |       | 0.00                 |         | -        | Cloudy<br>Pt. cloudy      |
|    | Eureka                   |       | 60.00                |         | W        | Raining                   |
|    | Helena<br>Kamioops, B. C |       | 0.00                 |         | SE       | Cloudy                    |
| 9  | Neah Bay                 |       | 0.66                 |         | S        | Cloudy                    |
| 8  | Pocatello                | -44   | 0.00                 |         | N.       | Fr. cloudy                |
| •  | Portland                 | 41    | 0,01                 | 8       | SW       | Cloudy<br>Clear<br>Cloudy |
|    | Red Bluff                | - 66  | 0.00                 | 13.     | SE       | Clear                     |
| 1  | Roseburg                 | 41    | 0.01                 | 8.0     | SE       | Cloudy                    |
| 60 | Sacramento               | - Git | 1] OLOH              | 11.0    | 335      | Clear                     |
| 5  | Salt Lake                |       | 10,00                |         | 85       | Clear                     |
|    | San Francisco            |       | 00.00                |         |          | Clear                     |
| 6  | Spokane                  |       | 0.04                 |         | 8        | Cloudy                    |
|    | Seattle                  | 100   | 10.00                | 2.45    | D.24     | is mindly                 |

THE GREATEST RAILROAD.

in its normal condition by Tuesday, or

The Canadian Pacific Railway is beyond question the greatest railway is beyond question the greatest railway in the world. Aside from this fact there are a great many advantages connected with this great system that is of more or less interest to every one, especially the traveling public. The advantages offered by the several routes available are worth considering.

The present appearance of Nottingham Third street, this city,

THE PORTLAND.

J A Marsh & wf, N Y F W Vailie, city
Lester O Ling, N Y J A Peebles, S F
Geo Rubinstein, N Y I K Levy, S F
A B Luther, Chicago
Geo S Long, Tacoma
H E King, Butte
R T Bretz, Seattle
R T Bre THE PORTLAND.

THE IMPERIAL.

C. W. Knowles, Manager.

C. L. Ireland, Moro
L. H. Mahon, Salem
N. H. Webber, Eagle
Cliff
Louis Webber, do
Vera Webber, do
Houston Webber, do
Hous C. W. Knowles, Manager

THE ST. CHARLES.

D Hurley, Toledo
Geo Chambers, do
A J Byserie, Champoes
N Eemillard, do
O Shepardson & wf.,
Eufaula
Arthur Byers, do
A O Sintot, Westport
J L Cook, St Paul
Chas Wilson, Salem
H L Colvin, Marshid
Chas Salmo, Astoria
T C Jory, Salem
G W Betts, Philomath
E E Cord, Dallas
E Cord, Dallas

European, first-class, Rates, 50c to \$1.5a One block from depot. Restaurants near

Tacoma Hotel, Tacoma American plan. Rates, \$3 and up.

European plan. Rates 50c and up.

mal precipitation since Sept. 1, 1901, 16.31 inches; deficiency, 3.27 inches; total sunshine Dec. 20, 4:90; possible sunshine Dec. 20, 8:36. PACIFIC COAST WEATHER.

Wind so

| WANTED SECTION | STATIONS.      | temp | pitation<br>12 hours | elocity | trection | Der .      |
|----------------|----------------|------|----------------------|---------|----------|------------|
| É              | Astoria        | 48   | 10.38                | 1 6     | s        | Cloudy     |
| 9              | Baker City     | 29   | 0.00                 |         | NE       | Cloudy     |
| 1              | Bismarck       | 40   | 0.00                 | 12      | W        | Clear      |
| 1              | Bothe          |      | 90,00                |         | N        | Cloudy     |
| ٦              | Eureka         |      | 9,00                 |         | N        | Pt. cloudy |
| J              | Helenn         |      | (0.00                |         | W        | Raining    |
| 8              | Kamioops, B. C |      | 0.00                 |         | SE       | Cloudy     |
| Ø              | Neah Bay       |      | 0.68                 |         | S        | Cloudy     |
| 3              | Pocatello      |      | 0.00                 |         | N        | Fr. cloudy |
| 9              | Portland       |      | 0,01                 | 8       |          | Cloudy     |
| 9              | Red Bluff      |      | 0.00                 |         |          | Clear      |
| d              | Roseburg       | 41   | 0.01                 | 10      |          | Cloudy     |
| 9              | Sacramento     |      | 0.00                 |         | W        | Clear      |
|                | Ealt Lake      |      | 0.00                 |         |          | Clear      |
| 3              | San Francisco  |      | 0.90                 |         |          | Clear      |
| Я              | Spokane        |      | 0.04                 |         |          | Snowing    |
| ٦              | Seattle        | 48   | 0.04                 | 10      |          | Cloudy     |
|                | Walla Walla    | - 41 |                      |         | 8        | Cloudy     |

WEATHER CONDITIONS. Light rain has fallen today in Western Oregon and Western Washington, and light snow is falling this evening in Eastern Washington. Elsewhere in the Rocky Mountain and Pacific Coast States fair weather has prevailed.

western Oregon and Southeastern Washington. The indications are for cloudy and threaten-ing weather in this district Sunday, with oo-casional rains in Washington and Western Or-WEATHER FORECASTS.

Forecasts made at Portland for the 28 hours ending at midnight Sunday, December 22: Portland and vicinity—Cloudy, with occa-sional rain: southerly winds. Western Oregon and Washington — Cloudy, with occasional rain, possibly part snow in sortheast portion of Washington; winds mostly southerly. Idaho-Fair in the south, occasional rain or

mow in the north portion; winds mostly southerly. Eastern Oregon — Cloudy and threatening:

Acting Forecast Official.

ple of Portland

GEE WO

THE GREAT





THE HAMMOND TYPEWRITER

bas slowly but surely won its position as THE LEADING TYPE-WRITER OF THE WORLD. It is the only POLYGLOT typewriter, NOW using A HUNDRED type shuttles in TWENTY-SIX languages, all immediately interchangeable. It now adds to its many well-known perfections a crowning glory-THE BEST MANIFOLDING CAPACITY—where quality and quantity are considered. 

NEW YORK, N. Y.

MEETING NOTICES.

WOODMEN OF THE WORLD—All members of Portland Camp, No. 107, are requested to meet at Woodmen's Hall, this, Sunday, afternoon, at 12:45 P. M. sharp, to attend the funeral of our late neighbor, F. E. Everest, Services at Finley & Kimball's undertaking parlors, Third and Jefferson, at 1:30 P. M. Interment at Riverview. All members of the order are cordially invited to attend.

F. C. STREIGL, Con. Comm. HERMAN SCHADE, Clerk.

KNIGHTS AND LADIES OF SECURITY, attention!—All members of Mirza Council are requested to meet at their hall, Second and Yambill, at 1 P. M. today, to attend foneral services of Knight F. Everest, held at Finley!

undertaking parlors, at 1:30 P. M. MRS. F. E. GROCE, Secretary.

ASTRA CIRCLE, NO. 152, W. O. W.—ALL members are requested to attend the funeral services of our late neighbor, F. E. Everest, at Finley's undertaking parlors, 1:30 P. M. today.

MRS. MORROW, G. N. VIOLA ORTSCHILD, Clerk.

BORN.

GAILEY—December 18, to the wife of Mr. E. J. Gailey, a nine-pound boy. Mother and con-doing well.

DIED.

HALPIN-At St. Vincent's Hospital, Saturday morning, James Halpin, aged 71 years Funeral from the hospital Monday at 2 P. M. Funeral from the hospital Monday at 2 P. M. BECK-Died in his 82d year, at Hirshald, Havaria, Wolf Beck, father of Mrs. W. Wolfstein and brother of A. Beck, of Portland. New York papers please copy.

CHESNEY-In this city, December 21, 1201. Francis H. S. Chesney, age 46 years 2 months 17 days. Funeral from residence, 3063; Burnside street, December 23, at 8.30 A. M.; thence to Cathedral, corner 15th and Davis streets. Friends invited.

FUNERAL NOTICES. REED-Mary A. Beed, at St. Vincent's Hos-pital, December 20; age 62. Funeral at 400 North Twenty-second at., 1 P. M., Sunday, Dec. 22.

KRAMER—The funeral of Mrs. Fred C. Kra-mer, mother of Mr. Max Kramer, will be held at Holman's Chapet, owner Fourth and Yamhill streets, at 2:30 Monday afternoon. CHAPMAN—In Seattle, Friday morning, Mrs H. D. Chapman, accord daughter of Mr. and Mrs. William M. Evans, Oswego, Functa from Holman's undertaking pariors, Sunday

ENNES-In this city, Dec. 20, 1901, John Ennes, aged 73 years, 10 months, 3 days Funeral will take place Monday at 1:30 P. M from his late residence, 1:30 East Sixth at Sellwood, Friends invited. PILLMAN—In this city, at her late residence 173 16th st., Dec. 20, 1901, at 2 A. M., Mrs. J. W. Pillman, aged 68 years, 5 months, 1 days. The funeral will take place from the cathedral, 15th and Davis ets. Sunday, Dec 22, at 2 P. M. Friends invited.

EVEREST-The funeral services of the lat Friend Ethan Everest, who died at his red dence, in this city, 200 East 34th st., Dec 20, will be held at Finley, Kimball & Co. chapel today at 1.36 P. M. Friends invited Interment at Riverview cometery.

EDWARD HOLMAN, Undertaker, 415 and Yamrill sts. Rena Stinson, lady assistant. Both phones No. 507. Finley, Kimball & Co., Undertakers,

F. S. Dan sing, Undertaker, 414 East Alder. Lady assistant. Both phones

NEW TODAY.

UNDERWRITERS' SALE French Bark "Ernest Reyer" And her equipment, as she now lies at mouth of Quinault River, Washington. Blds, by letof Quinaut rever, will be received at the of fice of the undersigned up to 6 o'clock P. M on Thursday, December 28, 1961.

HENRY HEWETT, Lloyd's Agent.

TAYLOR, YOUNG & CO., Agents,
Sherlock building, Portland, Or,

### CLASSIFIED AD. RATES

"Rooms," "Rooms and Board," "Housekeepng Rooms," "Situations Wanted," 15 words or ess, 15 cents; 1f to 20 words, 20 cents; 21 to 25 words, 25 cents, etc. No discount for addi-

Lonal Insertions.
UNDER ALL OTHER HEADS except "New

UNDER ALL OTHER HEADS except "New Today," 30 cents for 15 words or less; 16 to 20 words, 50 cents, etc., first insertion. Each additional insertion, one-half; no further discount under one month. "NEW TODAY" (gauge measure agate), 15 cents per line, first insertion; 10 cents per line for each additional insertion.

ANSWERS TO ADVERTISEMENTS, addressed care The Oregonian and left at this office, should always be inclosed in sealed envelopes. No stamp is required on such letters.

opes. No stamp is required on such letters.

The Oregonian will not be responsible for errors in advertisements taken through the telephone.

### AMUSEMENTS.

FREDERICKSBURG MUSIC HALL-SEVENTH AND ALDER STREETS

DE CAPRIO'S ORCHESTRA. FLYNN'S LONDON GAIETY GIRLS, in Burlesque.

Armless Wonder. HUBER.

A. J. FARMER, WHOLESALE AND RETAIL Groser, Third and Jefferson—Jest sugar-cure! hams, 123c; best breakinst bacon, 14c; best hard wheat flour, sack 70c; best Valley flour, sack 70c; 10-pound sack pure buckwheat, 35c; 2 pounds Arbuckle's or Llou coffee, 25c; 1 pound good rosst coffee, 10c; 1 pound floyat flour, 20c; 2 cans Economy cream, 15c; 1 can flour, 20c; 2 cans Economy cream, 15c; 1 can Johnson's pincapple, 20c; 1 can Crawford peaches, 15c. 1 have a job lot of pint jure of Jams and preserves; will chose out at 19c a Jar; regular price, 25c; this is a smap, 1 pound almond nuts, 10c; 3-pound carton Fortland crackers, 25c; 18-pound box Fortland crackers, 25c; 18-pound so Fortland crackers, 25c; 16-pounds good fice, 45c; 10-pounds pink beans, 35c; 10-pounds sago or uploca, 40c; 1 can Waldorf peas, 10c; 1-callon jar pickles, 25c. All country crears packed and delivered free to depot or dock.

WALNUTS, NEW, CROP, SOFTSHELL, 1

WALNUTS NEW CROP. SOFTSHELL, 2 pounds, 25c; lemon, orange and citron peel (Coralcan), only 15c per pound. The poultry supply for Monday will be complete and "fresh," as we sold completely out on Saturday; therefore, no old stock carried over. Our prices will be the lowest, and nothing but young, plump poultry handled. Two dozen fresh Oregon eggs, 45c. A sack of hard-wheat flour, 15c-a great bread baker. Order early, and get the best. Phone Red 201. California Market, 185 Third. P. S.—Wagon leaves for Abina 8:30 mornings and East Side at 1:30 afternoons.

SPECIAL NOTICE-OWING TO THE CON-rested state of the poultry market, we will be gented state of the poultry market, we will so compelled to hold two auction sales on Tues-day, at 3 P. M. and 7; till then we will sell at cut rates, as our immense stock must all be disposed of. Barnes Market, 165 Third. YOU MAY GET SETTLED BEFORE THE New Year in your own house he maken New Year in your own house by makir small payment down and balance on mo

FOR SALE ON EAST TERMS-NEW 9-BOOM

FOR RENT-GARDEN LAND AT WILL-AM-ette Heights; high state of cultivation. Ward, 323 Altsky bldg.

### MORTGAGE LOANS On improved city and farm property, at lower current rates Building loans, installmen-leans MacMaster & Burrell, 31) Worcester big

cash, or weekly and monthly payments

ZIMMERMAN 214 First street. Phone North 1946. N. B.-Will take old goods in trade.

## OPEN EVENINGS

MAXWELL & KNAPP. Real Estate. Heal Fastine.

Lots in Irvington, West Irvington, Lincoln Park, Portsmouth and Frest Electric Addition is Albima. In fact, all parts of the city, both East and West Side. Also a number of good courses for soile, farms and acreage.

Room 2 Chamber of Commerce.

# McKINNON,

173 Third Street, near Yambill.

WAREHOUSE SITE

100x100 on the southeast corner of Ninth and arshall streets, right on the terminal tracks, rice \$7500. ROUNTREE & DIAMOND

### 241 Stark st., corner Second ART SALE.

Beautiful collection of oil paintings by J. J. Troughton, T. P. M., Saturilay, Monday and Tunsday, 411 Washington st., between 10th and 11th. Will be on exhibition at rooms. S. L. N. GHLMAN, Auctioneer.

### IRVINGTON

Fine 9-room colonial house, in the heart of Irvington (Whildlen, architect); every modern convenience that could be desired; No. 4st East 17th street, mear Tillamook. This is a rara rargain. Price \$1500. A. D. MARSHALL, 82% Third at.

### FOR HOMEBUILDERS

Cheap lots on the St. Johns car line, at Noint View. Prices will never be lower, nor sense caster. Title perfect.

TITLE GUARANTER & TRUST CO., 6 and 7 Chamber of Commerce, Ground floor.

Fourth-street side.

Notice to Holiday Shippers. The offices of Wells, Fargo & Co., Pacific Ex-ness Co. and Northern Pacific Express Co., still remain open each evening up to Christimas still remain open each evening up to Christimas mitil 8 o'clock. Or Sunday they will be open from 12 noon to 4 P. M., and on Christmas day tom 8 A. M. to 12 noon.

PARRISH, WATKINS & CO. Real Estate insurance, Honse, Investment and Loan Agents,

250 Alder Street, - - Portland, Or. A Sacrifice cottages of 5 rooms each, in northwest part of Portland, factor on one line. Price \$1000. easy terms.
C. H. KORELL, 201 Washington et.

BOOKKEEPER WANTS PLACE Young man, married competent, willing to work hard, wants position as commercial or bank bookkeeper. Address W 52, Oregonian.

\$1450 NEW S-ROOM MODERN HOUSE, with corner lot, 2020, on E. Yam-hill st., near 20th; good location.
GOODNOUGH & STEARNS,
Washington building.

Two Acres NEAR BERTHA, WITH A \$1500; price only \$850, if taken now. This Guarantes & Trust Co., 6 and 7 Chamber of

lead bateries the workman overcharged signing such contracts responsible for were on one of them. They giggle and say it. It remained intact. He discharged it many times faster than the normal rate. good service on such routes. In the past the speculative bidders have submitted Still no harm. He allowed the solution to prices that are below the actual cost become low. He subjected it to quick and violent changes of temperature. In short, of performing the service, and have then sublet to local carriers, letting all hardhe used against it every mechanical argu-ment he could think of. After months had passed the battery, like the phonograph cylinder, was in as good "voice" as ever. ships and responsibilities fall on the lat-ter. Their treachery will be repeated under the new system, as the depart-ment will hold the actual bidders re-Then Mr. Edison announced the result to

sponsible, while the speculators will be able to sneak off and leave these inno-And what a result this really is can cent parties to suffer all loss that may be scarcely be realized. The old lead battery, such as is now used in automobiles and The department takes the position street-cars, varies in weight from 124 to 186 pounds per horse-power, and, gen-erally speaking, would be capable of raisthat parties who lend their names to such enterprises, for small consideration, and in the hope of defeating honest local biding its own weight two to three miles. The Edison battery weighs 53 pounds per horse-power, and would be capable, ders, are not acting in good faith, and may properly be punished when punishment is due. As usual, the speculators under circumstances similar to those im-posed on the lead battery, of raising its own weight through a vertical distance will escape, and some local man will be pinched, but this time it will not be the poor and honest carrier, but rather of seven miles. Approximately an Edison battery of equal power with a lead batthe schemer who sought to make something by merely signing official papers in the interest of other parties. Per-The advantage of the new battery over the old will be easily seen in every inhaps after four years of this local men will wake up to the fact that dealings stance of portable electric power now in with speculative bidders on mail routes use, and the possibilities of new and greater uses are manifold. In traction result only to the benefit of the specu-lators, and in this way may refuse in

the future to have any dealings with

THE FLORIDA FEUD.

the storage battery for launch propulsion was well proven at the Columbian Expo-Two Men Killed and Two Wounded sition with lead batteries three times as in Battle Between Families. heavy as the Edison cell. Perhaps the dif-ference in weight will warrant the adopbattle occurred this afternoon four miles from here between the Hogan and Dorman families. A feud has existed between the two families for a long time, and on former occasions a fight was almost precipitated. The dead are: nours, hence the farmer or the country nouseholder generally may employ the WILLIE DORMAN, resources of an adjacent trolley line for Andrew Nain was hurt and That Dor-

man is said to be fatally wounded. Lewis Hogan is missing, and his friends are searching for him. FRED W. PETTIGREW DEAD Brother of the Senator Was Injured

by Being Run Over. SIOUX FALLS, S. D., Dec. 21 .- Fred W. Pettigrew, brother of ex-Senator R. F. Pettigrew, died tonight of injuries sustained two weeks ago tonight, when he is supposed to have been run over by a team driven by an intoxicated driver. For two weeks he hovered between life and death, never recovering consciousness

things; but the men-they walk on bold as brass and try to look unconscious, while they think everybody is watching them.
"The funniest thing I have seen was an old farmer who came here the other day,

He stood beside me and watched for a while, laughing like a boy. "'Well, now-ain't that the durndest thing!' he said, 'the way that thar stair-way do climb up? B'gosh, I'm goin' myself. You hang onto this parcel and um breller fer me, young man."
"He got on all right, until he tried to

step, about a quarter of the way up. He put his boot on the edge of a step, and would have tumbled right down only he grabbed for the rail. He missed the moving rall and grabbed the permanent one outside. Then there he was, with his head pointing downward and the stairs slipping up and away from him. should have heard him.

and started to go up, still with his head pointing this way. He never got straightened up till he reached the top. He came lown the main stairway and got his umbrella and parcel, " 'Durned if I try any more o' them

"'Hi, hi, stop this durned thing-can't

ye stop the goll-durn arrangement no-how? Just about then he moved his

hands on to the sliding rall by accident

new-fangled notions, not of I stop in this hyar town till Thanksgivin', he said." Sold Official Scals. BERLIN, Dec. 21 .- An ex-Government employe named Voight was sentenced to three months' imprisonment today for seiling official seals to a journalist, Dr. Hamburger. Voight admitted his guilt. He had previously been arrested in con-nection with the premature disclosure of

the text of the tariff bill, but the prose cution in that case broke down. Conditions Better at St. Louis. ST. LOUIS, Dec. 21.—Higher tempera-ture and better transportation facilities partly relieved the threatened coal famine today. Unless some unforeseen trou-ble should arise, the market will be again

the statements of large dealers and mine operatives.

at the latest, Wednesday,

READ! READ! READ!

What the Well-Known Peo-Say of

CHINESE DOCTOR

Can it be wondered that he is called great, when his wonderful remedies cure and help so many sick and suffering people, not only here, but throughout the United States? Many are given up to die; others told that an operation was the only help for them, yet their lives were saved without the great suffering of an operation. Cured by these powerful Chincse herbs, roots, buds, barks and vegetables, that are entirely unknown to medical science in this country. Through the use of these harmless remedies he treats any and all diseases of men women and children. This famous doctor knows the action of over 500 different remedies that he has successfully used in different diseases. He guarantees to cure catarrh, asthma, lung troubles, rheumatism, nervousness, stomach, liver, kidney, fomale troubles, lost manhood and all private diseases. Read following testimoniar. He has hundreds more at his office.

Testimonials of well-known people:
Thomas Walsh, Tenth and Everett streets city, cured of stomach trouble two years standing.
C. A. Blakely, 22½ Washington street, city, room 5, cured of kidney, liver, stomach trouble and eczema of five years' standing.
Edward Lawler, 500 Flanders street, cured of asthma after many years' suffering.

Mrs. Fanny Smith, Mount Tabor, cured of indigestion and female weakness. Was unable to attend to her home work for over two years.

Mrs. Frank Reid, 612 East Ankeny street cured of indigestion and female weakness. Was unable to attend to her home work for over two years.

unable to attend to her home work for over two years.

Mrs. Frank Reid, 672 East Ankeny street, cured of inflamed ovaries and failing of the womb. Doctors said she never could be cured without operation.

M. Downey, Cathiamet, Wash., kidney and bladder trouble.

Mr. D. F. Baker, Vernonin, Or., cured of backache, rheumatism and catarrh, several years' suffering.

Charges moderate. Call and see him. Consultation free. Patients out of the city write for blank and circular. Inclose itamp. Address The C. Ges Wo Chinese Medicine Company, 1274. Third street, Portland, Or. Mention this paper.



THE ST. CHARLES.

G W Betts, Philomath
E E Cord, Dallas
J Maybee, Astoria
T Wilson, do
E Wilson, do
G A Powell, Pittsburg
I Brugger, S F
Butteville
Mrs Jas Kenyon,
Butteville
W G Hayes, Enterpris-Capt M Alm, do
Geo Gray, Rainier
Joe Clanton, do
G P Reynolds, Wassoo Fank Schroeder, Co-

Gray, Rainier E I Harris, Astoria
Clanton, do E S Bud & wf, Salem
Reynolds, Wasco
Dixon, Orient
Jonson, Keiso
Nissen, do F L Rhoads, Pa

freight cars of its own, besides 28 belonging to the state. Other breweries have 143, 30, 52, 80, 100, 86, etc.

DAILY METEOROLOGICAL REPORT PORTLAND, Dec. 21.-8 P. M .- Maximum temperature, 46; minimum temperature, 40; river reading at 11 A. M., 2.0 feet; change in the past 24 hours, 0.1 foot; total precipita-tion, 5 P. M. to 5 P. M., 0.02 inch; total precipitation since Sept. 1, 1901, 13.54 inches; not

|  | STATIONS.   | x. temp                | at 12 hours   | Velocity | Direction                      | ather  |
|--|---|------------------------|---|----------|--------------------------------|--|
| The second secon | Astoria Baker City Bismarck Bolise Eureka Helena Kamioops, B. C. Neah Bay Poctatelio Portland Red Bluff Roseburg Sacramento Sait Lake San Francisco Spokane Seattle Walla Walla | <b>彩章製造社会社大衛製造製品を記</b> | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0 | 18 6 8   | NW NN WE SEE SWEEN SWEEN SWEEN | Cloudy<br>Cloudy<br>Clear<br>Cloudy<br>Pt. cloudy<br>Raining<br>Cloudy<br>Cloudy<br>Ft. cloudy<br>Cloudy<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Cloudy<br>Clear<br>Cloudy<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Cloudy<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear<br>Clear |

It is warmer this evening in Montana, North

Eastern Oregon winds mostly southerly
A. B. WOLLABER.