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10c for Dressed Veal.  
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Smith never charges commission. You get ALL your money when you ship to Smith. You don't divide with the middleman. Address all shipments to  
**FRANK L. SMITH MEAT CO.**  
"Fighting the Beef Trust"  
PORTLAND, OREGON

**Dr. B. E. Wright**  
Have your teeth out and bridge work done. For out-of-town patrons we finish plate and bridge work in one day if necessary.  
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"Fighting the Beef Trust"  
PORTLAND, OREGON

**Dr. B. E. Wright Co.**  
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Take car at depot and transfer to Washington St.  
**Neth & Co.** Established 1900  
COLLECTORS  
We Buy and Collect Notes, Mortgages, and Real Estate Contracts. No Collection Fee Charge.  
Worcester Bldg., Portland, Ore.

**Her Mistake.**  
The young woman was hastening to the subway station en route to the railway train. Looking about for a boy to carry her heavy suit case, she espied a stalwart youth and asked him if he would take it for her to the station. He hesitated a moment, as he had been headed in an opposite direction, and then complied. At the ticket window there was an unusual crowd. The boy pushed forward, bought a ticket for the young woman, put it in the box and handed her the suit case. As she proffered him the dime which seemed about adequate for his services he smiled at her peculiarly, shook his head, lifted his hat gracefully and was gone before the young woman had time to protest or really to understand what had occurred. Then the appalling thought came to her with conviction that he was undoubtedly a college boy putting in vacation time at some kind of employment which necessitated his wearing quite ordinary working clothes.  
"And how dreadful," she thought, "acquiring with mortification, 'he actually paid my fare, too!'"

**ASK YOUR GROCER FOR K. & S. BRAND OF**  
Bleaching Disinfectant Spray  
Ammonia Cold Water Liquid Starch  
"Clean, O" Non-Boiling Washing Fluid  
**K. & S. CHEMICAL CO.**  
WHOLESALE AND RETAIL  
PHARMACISTS  
No. 113  
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**Union Painless Dentists**  
TEETH WITHOUT PAIN  
Full Set of Teeth \$35.00  
Bridge Work or Teeth without Plates \$35.00 to \$55.00  
Gold Crowns \$35.00 to \$55.00  
Gold or Porcelain Fillings \$1.00 to \$1.50  
Silver Fillings 50c to \$1.00  
Best Plate Made \$7.50  
No charge for X-ray. 15 years' Guarantee with all work.  
Hours, 9 a. m. to 5 p. m. 221 1/2 Morrison Street.

**NOW IS THE TIME**  
of the year to have your teeth out and bridge work done. For out-of-town patrons we finish plate and bridge work in one day if necessary.  
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"Fighting the Beef Trust"  
PORTLAND, OREGON

**Wise Dental Co.**  
INCORPORATED  
Painless Dentists  
Main Building, Third & Washington, PORTLAND, OREGON  
Office Hours: 9 A. M. to 5 P. M. Sundays, 9 to 1

**You May Need It**  
Ask your doctor about the wisdom of your keeping Ayer's Cherry Pectoral in the house, ready for colds, coughs, croup, bronchitis. If he says it's all right, then get a bottle of it at once. Why not show a little foresight in such matters? Early treatment, early cure.  
**Ayer's**  
Many a boy is called dull and stupid, when the whole trouble is due to a lazy liver. We firmly believe your own doctor will tell you that an occasional dose of Ayer's Pills will do such a good deal of good. They keep the liver active.  
—Made by the J. C. Ayer Co., Lowell, Mass.—

**HOLMES BUSINESS COLLEGE**  
NATIONAL ATTRACTIONS TO THE DISCRIMINATING INVESTOR  
THE INVESTOR'S GREATEST BUSINESS OPPORTUNITY  
WASHINGTON & TENNESSEE PORTLAND

**SYMBOLISM DID NOT APPEAL**  
Belinda Rejects Proposal of Charlie to Be Joined Together Like Hands of Clock.  
"Charlie," sorrowfully sighed the young lady in the parlor of the concrete house, on Washington avenue, "it is nearly 12 o'clock."  
"Yes, Belinda," was the breathing response of her poetical companion, who was sitting on the sofa beside her, "the minute hand is drawing closer and closer to the hour hand, and when the time of midnight is chimed the two hands will be even as one. Oh, darling Belinda," he continued, "as he literally stimulated the action of the minute hand, 'may not the coming together of those two hands be symbolical of us?'"  
She broke away and stood firmly on her feet. "No, Charles Henry Smith," she retorted, angrily, "those two hands will remain as one but a single second, and then the minute hand will divorce itself and go on its way alone. No, Mr. Smith, a minute hand that doesn't stick isn't the kind of symbolism I want!"

**Tents, Awnings, Sails**  
Cots, Hammocks, Canvas and Covers  
**PACIFIC TENT AND AWNING CO.**  
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Tenth and Morrison, Portland, Oregon  
A. P. ARMSTRONG, LL. B., PRINCIPAL  
Our school is the high standard commercial school of the Northwest. Teachers having both business and professional experience qualify students for success, by individual instruction if desired, in a short time and at small expense. Position for each as soon as completed. Open all the year. Catalogue, business forms and pen-work free. Write today—there is money in it.

**ASTHMA AND HAY FEVER**  
are quickly relieved by Wyatt's Asthma Remedy. Guaranteed or money refunded. Ask your druggist or send six cents postage for Free Sample to  
**J. C. WYATT, DRUGGIST,**  
VANCOUVER, WASHINGTON

**DAISY FLY KILLER**  
Kills all species of flies, including house flies, stable flies, and mosquitoes. It is safe for all animals and humans. Sold in 5-cent and 15-cent packages.  
**GOLDEN WEST COFFEE TEA SPICES BAKING POWDER EXTRACTS JUST RICH GLOSSET & BEYERS**  
PORTLAND, ORE.

**Pure Hawaiian Pineapple Juice**  
means that nothing whatever has been added to it  
means that it is grown and bottled in a Tropical Paradise  
means the most healthful and refreshing of all juicy fruits  
means the easiest and simplest way to enjoy the essence of the rich ripe Pineapples of Hawaii.  
When druggists and grocers have your name on the label, you are sure to get the best. So be sure this name is on the label.  
**HAWAIIAN PINEAPPLE PRODUCTS CO., Ltd., 112 Market Street, San Francisco, Cal.**

**IN WAR ON INSECTS**

**Dr. Howard Kills Crop Destroyers by Scientific Methods.**  
Parasites Cultivated to Prey Upon Injurious Bugs—Washington Hears Miss Elkins Will Become Mrs. William Hitt.  
Washington.—The history of crop failures due to the effect of harmful and destructive insects is a well-known one. For many years the growers of wheat, cotton, fruit and other produce have been harassed and even defied by these parasites that check out their existence by destroying millions and even billions of dollars' worth of the harvests of the country.  
The destruction and blighting of the crops caused by harmful insects that have been made a study by the agricultural authorities at Washington, and the results in the direction of rid-



**Dr. L. O. Howard.**

ding the country of such pests have been very favorable in every way. Dr. L. O. Howard, head of the bureau of entomology at Washington, the largest and most efficient organization of his kind in the world, has become the leading expert of the cult of setting an insect to kill an insect—the science of parasitology.  
The method used by Dr. Howard is to suppress the harmful insects and to foster the useful ones, that is to destroy the destroyers by abetting the destroyers of the destroyers. Thus has arisen a new and ingenious branch of scientific endeavor, the expert culture of insect parasites. Already a number of the most important pests have been reduced to innocuousness by the insects of prey which have been set upon the prey; and while many others must still be combated imperfectly by artificial methods, relentless science is scouring the world for the tiny many-legged hounds which shall eventually hunt them down.

Theoretically every insect has its own specific enemy or enemies. These may prey upon it directly as certain beetles prey upon the larvae of the foliage-destroying moths; or they may feed upon its eggs, as is the case with many ladybirds, or they may deposit their own eggs either within the body or the egg of the victim, thereby destroying the immediate or prospective generation. Always these enemies tend to keep the insect pests within normal limitations. Doubtless in many cases the parasite would wholly destroy a species were it not for the existence of hyper-parasites which prey upon it and keep it from overpopulation. In a state of nature this balance between the various species is automatically preserved until man with his ignorance of their nature enters and disturbs the whole system.

Insect immigration has been the curse of American agriculture. Of our 72 important destructive species those whose destructive powers amount up to millions of dollars annually—35 have come to us from other countries. The codling moth, the curse of apple and pear orchards, is of European origin. The dreaded cotton-boll-worm hails from Mexico. The San Jose scale comes from the immortal east. The gypsy moth and the brown-tail moth, twin plagues of New England trees, were brought in by accident from the old world.

As soon as an imported insect shows signs of becoming formidable, experts trace it from country to country until they find a region where it has been known for a long time, but has never reached the proportions of a pest. In such a place they are pretty sure to find a parasite which is keeping the depredator down. If they can acclimatize that parasite and establish it side by side with the importation, the problem is solved. Such was the method in the case of the white or fluted scale invasion of California. The scale was imported by a collector of plants at San Jose, probably from Australia. In a few years it had spread enormously, and was simply wiping out the orange crop wherever it gained a foothold. Working in conjunction with the progressive state authorities of California the United States bureau of entomology sent an emissary to Australia, where the scale was discovered in what was then supposed to be its original environment. With the Australian scale, and preying upon its eggs, was found a small red-and-black ladybird, the Novius cardinalis. One hundred of these were brought back to California, bred and distributed. To the terrified and skeptical orange growers the result must have seemed miraculous. Within two years from the time when the first ladybird began to breakfast on scale eggs, the victory was completely won. It was more than a victory; it was a slaughter. Since then the white scale, while it is not wholly eliminated and never will be, has ceased to be an element of peril to the citrus orchards of California.

Occasionally at practically no cost, science wins a victory. The experts by turning their glass upon the clover seed midge found that it produced two generations coincident with the clover crop. Generation number one

**SOIL FERTILITY IS WANING.**

United States Agricultural Expert Predicts Exhaustion of Farm Land of Western Prairies.  
The agricultural department at Washington is concerned about the exhaustion of the soil of the United States. On the prairies of the west fertility is beginning to wane. In many of the older communities fertility has been reduced below the point of profitable production. How to store and maintain productivity of soil is a most important phase of the conservation problem.  
These observations are set forth in a farmers' bulletin prepared by W. J. Spillman, agriculturist in charge of the office of farm management of the agricultural department. Mr. Spillman says that in order that the prairie country may not follow the descent of the east and south it is necessary that intelligent and vigorous effort be made to farm correctly.  
Renting of land on short leases for the purpose of growing grain for the market is one of the surest means of reducing the productive power of the soil. Well managed pastures and rational systems of crop rotation are necessary to the development of permanent systems of profitable farming.  
Land owners must realize this, and must take steps to improve renting methods by stocking their farms with a full complement of domestic animals, in case the renter is not able to do this for himself, and by giving longer leases whereby the renter may reap the reward of intelligent management.  
In view of the soil waste that has occurred, Mr. Spillman asserts, it is not surprising that values of farm products have risen to a marked degree in the last few years.

**POTATO BUGS ARE AT WORK.**  
War Must Be Commenced Early and Continued With Vigilance—Paris Green Recommended.  
Potato bugs are at work. They are an enemy to be poisoned by the potato grower. War must be commenced early and continued with vigilance. Paris green is the most highly recommended. It may be used as a spray, with a sprayer, mixed with air slaked lime, flour, or fine, dry road dust, sifted over the potato plants when covered with dew or rain. In any form of application at least one pound of Paris green should be used per acre, but when the plants are large a greater amount may be required. The Minnesota Experiment station prefers to use Paris green mixed into a thin paste with water and then stirred in the larger volume of water to be used in a sprayer. Very good results, however, have been obtained by the use of a common sprayer. Where the crop is large and it is possible to procure one, a power sprayer is advised and regarded as almost indispensable. Milk of lime, made by slaking two pounds of stone lime in water for each pound of Paris green, should be carefully strained into the poisonous mixture to prevent burning of the plants. Arsenic of lead may be used as a potato bug poison, but it is more expensive than Paris green. Paris green may be mixed with bordeaux mixture, when the mixture is used as a disease destroyer. In this case no additional lime need be added.

**MISS ELKINS TO WED AMERICAN.**  
Washington.—To see married the girl it was thought would be his bride, is the luck of the duke of the Abruzzi. What kind of luck it is for the duke to tell, if he will.  
William F. Hitt, who seems to have made a greater hit than his dukship, is the luckier man, and the kind of luck he is in is plain to appreciate.  
Katherine Elkins is the girl in the case. She is the girl whose name for two years past has been linked with that of the duke, and to forget his sorrow in not winning her it was said he went to Africa to hunt tigers. And now he is coming to Washington to see the girl he lost won by another man.  
The wedding is promised for the early days of the next social season.



**MISS KATHERINE ELKINS**

The announcement was made recently by friends of Hitt at the Chevy Chase club, and settles the status of the friendship of the young couple, which for two years has pre-occupied their engagement. The engagement will be announced when Miss Elkins returns to America in October.  
Miss Elkins and Mr. Hitt formed part of the bridal table party at the wedding of Miss Mathilde Townsend to Peter Goelst Gerry of New York, and that the traditional bouquet of the bride, as well as the piece of cake to be used "under the pillow," has revealed that they would be the next to plight their troth.  
Miss Elkins, the ranking belle of Washington, is abroad with her mother, while Mr. Hitt is traveling with his mother, and both are following practically the same route of travel. It is regarded as certain that the duke of the Abruzzi will be present.  
Senator Elkins and ex-Senator Henry Gasaway Davis, father and grandfather of the bride-to-be, are elated over the match. Hitt is the son of the late Robert R. Hitt.

**How a Queen Ordered a Coat.**  
In a recent sale at Sotheby's, in London, the following document written on vellum, and bearing Queen Elizabeth's sign manual, was sold:  
"Elizabeth, by the grace of God, Queen (sic) of England, France (sic) and Ireland, defender of the faith, etc., we will and command you forthwith upon the sight hereof to deliver, or cause to be delivered to our well beloved servant, Ralf Brooke, Esquire, alias Yorke, one of our heralds of Armes, one cote depicted with our Armes on Satten with fine gold in oyle of like stuffe, lengthe and breadth as heretofore hath bene accustomed.  
"Wemaster, the XXIVth date of January. In the thirtieth yere of our raigne.  
"To our trustie and well beloved servant, John Fortescue, Esquire, Master of our great wardrobe."  
Wores.  
Dick—There's one thing about Louise, she never repeats stories about her woman friends.  
Eibel—Repeats! No, indeed; she starts them.—Boston Evening Transcript.  
Smart-Set Language.  
"What a beautiful costume, dear!"  
"Do you like it?"  
"Oh, my dear, I love it. It's just too hideously fashionable for words!"—London Opinion.

**DOINGS AT THE CAPITAL**

**Odd Answers to Teachers' Questions**  
room under lock and key in a little bottle and the cork in so it can't be got out and hide the key and have skeleton on the bottle and not let nobody go in there."  
"A good antidote for poison," said one, "is to take a teaspoonful of soap suds every ten minutes to make you vomit till the doctor comes." (It is awful to think of the doctor's being delayed several hours.)  
A class of six-grade pupils were asked to write a short biographical sketch of Longfellow. One member of the class proudly submitted the following:  
"H. W. Longfellow was a grand man. He wrote both poems and poetry. He graduated at Bowdoin and afterwards taught the same school where he graduated. He didn't like teaching and decided to learn some other trade so his school furnished him money to go to Europe and learn to be a poet. He wrote many beautiful poems for children. He wrote 'Billy, the Blacksmith.'"  
The following brief but pithy composition was handed in by a youngster who had been asked to write on his favorite holiday:  
"I like the Fourth of July best 'cause it's the day America was discovered."  
A hasty look into a dictionary is presumed to have conveyed to the doctored at once and not allowed to run on as it is dangerous. Don't treat poison rough—it is liable to run into blood poison. If anyone should take poison it is a good idea to keep it as high up out of reach as possible."  
"You ought to keep poison in a little

**Rural Free Delivery Is Growing Fast**  
time of opening and reading messages not properly directed is a part of the work of the mailing section. It includes a private postoffice through which every letter received or sent relative to rural delivery must pass.  
Every one of the half-million and more letters sent from this department is copied for record by a mechanical system which saves the labor of a hundred copying clerks even where the hand copying press or the carbon method has been employed. A force of only seventeen clerks is needed in this section, yet in addition to handling and copying mail they keep a daily record of all the outlay for postage expenses of the department and sort and examine the hundreds of letters daily received which must be returned to the postoffice where they should have been directed.  
What the service does in receiving applications for new routes, petitions for carriers, decisions of the department, the payments and receipts, is told by the postoffice newspaper.  
The esprit de corps of the rural free delivery is best shown by the last annual report. During the year it states that out of the 41,000 in the service the total dismissals for cause were only 165, less than the total number of deaths.  
The reasons for the dismissals were principally incompetence and failure to obey instructions. No dismissals whatever for stealing from the mails or other dishonesty were on the records.

**Baseball and the Declaration Mixed**  
Promptly at ten o'clock a bald-headed man in a frock coat arose on the flag draped stand in front of the city building cleared his throat and began:  
"When the course of human ev—"  
Across the way the megaphone man interrupted with:  
"Milan is at the bat—Ball one!"  
"—vents it becomes necessary," continued the baldheaded reader.  
"Foul—Strike one," roared the megaphone.  
The masculine portion of the listeners became restive. Their attention turned in the direction of the megaphone man and their backs toward the baldheaded patriot.  
"For one people to dissolve the point—"  
"He hits to left—For two basco—"  
Lelvelt at the bat—"  
By this time 79 male members of the Independence day audience had dashed madly across to Newspaper Row. Of the original audience of the "safe and sane" celebration, 134 women, 22 children, a salubriously intoxicated cab driver and the police guard remained.  
"Lelvelt sacrifices—Elberfeld singles—Milan scores."  
"Hurrah!—Wow! Wow!" belated the crowd and the remainder of the reading of the glorious document was interspersed with "Good boy, Doc!" "Oh, you Gabby Street!" for 14 hot innings.  
But Boston won.

**Why Burton Didn't Climb Mountains**  
torecave down see mountain side, and boze times he have come off without so much as see one leetle scratch."  
Burton did not climb any mountains during his sojourn.  
Representative J. Harry Covington of Maryland represents that section of the Terrapin state known as the Eastern Shore. The Eastern Shore is famed for producing not only the highest living in all America, but it numbers among its population many of the highest livers.  
"The most notable instance of gourmandizing which our section has produced," said Mr. Covington to a group of newspaper friends, "is old Joe Nicholson of Talbot county. One of Joe's friends asked him if he liked turkey."  
"Sure I like turkey," responded Old Joe. "But a turkey is an inconvenient sort of a bird. It's a leetle too much for one and not enough for two."

**Food For Chickens.**  
A handful of grain dug into an ant hill will bring the chickens to it, and then good-by to the insects.  
A plant of Swiss chard sown adjoining the poultry yard will supply greens all summer provided the fowls are not allowed to eat it more than an hour a day.  
**To Maintain Nitrogen.**  
Nitrogen must be maintained by legume crops, and the best legume for the corn belt is clover. The clover crop should be left on the ground. If removed, not much, if any, nitrogen is added to the soil. If the crop is removed and fed to average live stock and the manure given average care and hauled back to the field, the loss is nearly one-half of the plant food and three-fourths of the organic matter. If a good crop of clover is left on the ground once every three or four years, only the seeds being removed, it will supply sufficient nitrogen for quite large grain crops.  
**Milking.**  
Milking with wet hands is a filthy practice. The clean milkers use clean hands and is sure before he begins that the cow's udder is clean and that no falling dirt can get into the milk. Using lard on the hands to make milking easy will aid in making hard milking. It will also help to keep the cow's teat very tender. Dampening the teats with milk also has the same effect.

