One Sure Way of Exposing Certain can be readly detected. Adulteration.

REAL TESTS FOR FOODSTUFFS

Powdered Rock in Celery Seed, Chicory in Coffee and Olive Pits in Spices Disclosed by Lenses of High Power.

WASHINGTON, March 12.-A powerful sharps of the Department of Agriculture a a very useful and desirable attached of the gum.

A microscope is useful in the examinam of food and drug products," said B. J. course it can be readily understood how of honeys purporting to be from cortain gross adulteration may be detected by a flowers. simple magnifier, as for instance when forsign seeds, gravel or powdered rock have gather honey from several kinds of flowbeen mixed with whole small spices. The ers, sometimes one or another of these

tention of the bureau was a sample of from the source claimed. This result is ownership. B makes a deed to our stencelery seed adulterated with nearly 40 per due to the fact that the microscope shows ographer friend. She makes a deed for the cent of powdered rock, the color and size clearly the different forms of pollen of same property with the name of the buyer of the rock particles being such as to be the various plants from which the bees left out. A gives her the deed B has made easily overlooked in a easual examination. derive the honey."

The usefulness of the simple magnifler in examining food and drug materials, however, is of limited application, and for Mrs. Arriens Asks the examination of products which are made up of small particles, such as flour ground spices and powdered drugs, has little er no value. In such cases recourse must be had to the compound microscope Wife of a Man Who Has Fallen Heir with a magnifying power ranging from 50 to 400 diameters.

The use of this instrument in detecting adulteration in various common food products requires some amount of expert the different starch products, for instance, under the microscope are easily learned.

"To the naked eye all these starches apmicroscope grains or granules are seen buted to her support. which vary more or less in shape, size, The grains of the latter are easily distinguished by their angular form.

'In the case of spices, most of the sub- for separate maintenance, to be \$60,000. stances used for adulteration have a strucadded to counteract the excess of starch such adulteration at once by showing the presence of the large starch grains charseteristic of certain legumes.

"In pepper the starch is present in angufar masses made up of small grains. Here to a specimen of this sort of adulteration Would Not Lie, which the angular masses of pepper are readily distinguished from the nearly alipsoidal bean starch grains,

turer has added so large an amount of fruit stones to a pepper as to make the adulteration apparent to the taste by the lack of pungency, which is often corrected by adding a small amount of cayenne pepper. The microscope easily detects a trick of this kind because the tissues of the added substances are distinctly different from normal pepper tissue. Here is a semple of pepper which is grossly adulterated with ground office stones, in which the differences in size and form of the tissue cells are well exemplified.

Sometimes cayenne papper is adulterated with colored corn flour and ground wood. Were is a sample of such an adultrant composed principally of powdered sawdust, the fibrous character of the wood differentiating it clearly from the pepper. "The hiteroscope is a thoroughly efficient detector of adulteration in the cases coffee and chorolate preparations. In the former, roasted chicory, cereals, and peas, and in the latter starchy materials and cocoa shells are sometimes used for adulteration.

"Coffee, being the seed of a plant has structure which is very different from chicory, which is a root. The cell wails of coffee have a characteristic beaded appearance which is present in but few other seeds. Even after roasting and grinding these beads can be easily distinguished, while chicory contains sap vessels by which it can be detected.

"Chocolate and cocoa are made from the seeds of the cocoa plant, to which foreign starches are sometimes added. From shells are removed, but in the poorer grades the shells are left and even addiional ones are added. Cocoa beans contain naturall a considerable amount states met at the Rome. of starch, but the grains are small in size and are easily distinguished from the starchy adulterants such as corn, and wheat flours, or potato, corn, and arrowroot starches. I have examined an artificial chocolate coating which was composed of cocoa shells, cornstarch, beef tallow and some mineral matter, prob-

abiy used as a coloring substance. "Artificial jellies, jams and some kinds Returns.

of confections are often thickened with MICROSCOPE FOR THE COOK of confections are often thickened with THIS WOMAN RICH ON PAPER canth and gum arbic. Some of these are difficult of identification while others

"Agar-agar is a product made from certain seaweeds and usually contains shells of microscopic sea creatures. The presence of starch is easily discerned Gum tragacanth and some other like gums, when allowed to swell in water, produce a distinctive structure, which is disclosed under the microscope even in such products as ice cream and marma-

"Here is a sample of thickener for cream composed of cornstarch and powdered gum tragacanth. In this case the cornmicroscope is recommended by the food starch appears as the angular particles, while the streaky substances near the

"A rather curious use of the microscope as a food detector is in the determination books carry her as the possessor of many, of the flowers from which honey is made. loward of the bureau of chemistry. "Of This is of practical value in the analysis

"Although bees will almost invariably adulterant may be of such character as predominates to such an extent as to imeasily to escape the notice of the ordinary part a distinctive color and taste, enough buyer, though with even a small lens or to allow the honey to be called by that reading glass the foreign substance may name. With the aid of the microscope be seen to be very different from the true it is easily ascertained whether a socalled apple blessom honey or an orange "One case recently brought to the at- blossom honey is really largely derived does not want the public to know of his

A small magnifier, however, made the dif- A striking specimen of food adulteration ference very apparent at once, as you will in Mr. Howard's collection is an artificial see from the samples which, with other lemon slice, or rather, a small portion of title insurance, and she is, publicly the similar ones, I have mounted as a speci- thereof, mounted for microscopic purmen. A magnification of only six diame- poses. The material used for this was ters shows the contrast of the regular agar-agar, and the instrument revealed shaped celery seeds with the angular rock beautifully the curious formations of the minute diatom shells.

to Riches Wants Court to Declare Her In.

a little experience. The characteristics of of the fortune her husband recently in- gle. A man must have his wife's concurherited ought to be spent upon herself, rence. If a single man gave such a deed inheritance, she awears in a petition filed the possibility that his wife might try to pear as a fine white powder, but under the in district court, has her husband contri- get her dower interest. Our stenographer

Arriens is a son of the man who estabrings, etc. In the case of potaty starch, lish the flour mill which the Updike Grain for example, the grains are large with company bought some years ago, and the deed and beat A out of his property? Not smooth outlines, while rice starch has estate of his mother, which he has just a bit. Such a trick would land her in small grains with angular outlines. Here fallen heir to, includes \$16,600 worth of Sing Sing and the deed she gave would is a specimen of potato starch adulterated stock in the Updike Grain company. It is be worthless. It would have to be dated with a considerable amount of cornstarch, averred that this stock pays 6 and 7 per the day it was made and A's prior deed cent. The total wealth which Mrs. Arriens

ture very different from the genuine with her husband after their marriage in not be likely to idse hs property. Thouarticles. For example, although pepper 1905, and then because he was drinking sands of real estate owners take the adulterated with ground peas or beans may hard and not supporting her, she left him | chance. not always be detected even by means of for two years. Then Arriens, the petition the chemical test of the expert, especially says, promised to quit drinking and to supwhen clive pits or pepper shells have been port her, but did not keep his word, according to the complaint. New Year's day present in peas, the microscope will reveal of this year, Arriens was feeling especially he made against her.

sorn meal or foreign ground shells and Divorced Man Goes Away from Marriage License Office in Downcast Mood.

> DeWitt L. Shoemaker of Marshalltown, In., says he would not swear to a lie just to get a marriage license. He appeared before License Clerk Furay asking a permit for himself and Miss Anna D. Marks. "Either party ever been married before?" nquired the official.

"Why, I have," said Shoemaker, "Divorced?"

"Yes." "Six months ago?"

"Yes."

Mr. Furny affected not to have heard the last answer. "You were divorced, you

"Why, yes," answered Shoemaker "A month ago?" inquired Furay.

"No, two months ago," said the applicant. "Sorry, but it has to be at least six nonths to get a license." "Well, I won't swear to any lie about it,"

said Shoemaker, leaving disconsolate.

ciations of Four States Will List Them.

the best grades of these products the were taken immediately after the adjourn- a single month. By means of women dumof Nebraska Retailers when the secretaries orded and published. of the retail organizations of these four "When the transaction is closed not a

> and they have grown so bad that but ten heard of brisk selling in that particular grocers in 100 stay in business for ten section and begins to flock in. Then prices the wall, the principal cause of failure be. please. It isn't illegal, ing bad debts.

Millions of Real Estate Held in Her

USE FOR WOMEN AS DUMMIES

She Rides in a Trolley Car Like Other Stenographers and Owns Property Only Ten Seconds

NEW YORK, March 12,-"That girl," center of the field are swollen fragments a young woman further down in the car,

"Surprised that she rides in a trolley car instead of in her own automobile Well, this property has all been sold. In fact she has rarely owned any piece of it more than ten seconds-just while she was receiving a deed in one hand and giving

"The deed to the girl goes on record, the title company issues to her a policy the buyer and has the deed recorded. A

"The city is satisfied so long as the taxes and assessments are paid on the Part of \$60,000 property and does not interest itself in the ownership. If A wants to give a mortgage on the property he can do that through another woman dummy without his name ever appearing.

left is declared in the petition, which is to keep his deed in a safe place, for if it Mrs. Arriens says she lived two years trouble in getting another, but he would

"Why do people want to hide their real estate holdings? Suppose a buyer is after all the property in a block. He gets one piece. If the deed is recorded in his name it might indicate to the other owners in active, says the petition, and Mrs. Arriens the block that he would be likely to want had to call in the police because of threats their holdings, too. Then prices would soar and he'd have to pay dearly for the rest of the block. Sometimes years are consumed and a dozen brokers and female dummies are used to get a single parcel

Denied a License "Then there are not a few men who

DEAD BEATS TO BE MARKED in a section like that about the new Secretaries of Retail Dealers' Asso- subway in Brooklyn, where there ought to

"Suppose half a dozen brokers, each with Dead beats are going to have a harder property to sell in the same section, get time plying their trade if the retailers of together and decide to make things hum. Nebraska, Iowa, South Dakota and Illinois They go to their principals and arrange, can have their way. Preliminary steps say, fifty big transfers to take place within ment of the convention of the Federation mies these sales are all made, duly rec-

Name.

at a Time

said a real estate broker, nodding toward has more property in her name than any other person in Brooklyn. The realty record many millions. Some of the biggest parcels in Brooklyn are held in her name.

a deed with the other.

"She is the chief stenographer in the office of a big title insurance company. A buys a piece of real estate from B, but and she gives him the deed in blank,

owner of the property. But A has her deed, legally executed, and the insurance policy. When he gets ready to sell, maybe years hence, he merely puts in the name of has never appeared as the owner.

'Why do they have a woman to do the trick? A woman can convey realty without any one's consent, whether she is married or single, but there is even less room Mrs. Louis A. Arriens thinks that a little for complications when the woman is sin-Neither before nor since the receipt of the he might get married and there would be friend's husband, if she ever takes one, can claim no such interest in her estate.

"Danger that she might give another would hold the property. Of course, A has were lost or destroyed he might have

want to be in position to sell their real estate without asking their wives' consent. By the use of a female dummy the wife but of these, two that were counted among

had had a little spat with his wife was monds to induce her to sign a deed.

Pennsylvania terminal or along the new be activity. Nothing brings in new buyers

like sales.

In our show rooms.

Second Floor.

All ready for Spring 1910

Please accept

this as a cordial invitation.

Exclusive Styles.

Thos. Kilpatrick & Co.

Women's Beautiful New Spring Suits and Coats are Now Here

in the same with the same



"Charming," you will exclaim, when you see the fascinating fashions to be found in our assort-

Exclusive models, fine materials, superior workmanship and modest prices, give us an enviable prestige among women of taste and discrimination.

Women's New Tailored Suits, \$16.75

Made of a very fine all wool worsted, in new mannish models, coats 32 inches long and are lined with an excellent quality satin to match. New stylish platted skirts. We do not hegitate to say that these are the best suits ever offered for the price. Choice of all the new spring shades,

Women's Beautiful New Suits, \$25.00

With the object of giving Omaha women the most beautiful suits ever sold in the city at this price, we have devoted an unusal amount of care and attention to the selection of these models. The styles, materials, tailoring and in fact every feature of these garments \$25.00 is much finer than you will find in Omaha, at

Exquisite New Suit Models, \$29.75

In this varied and handsome assortment you will find the new Americanized Russian Blouse—distinct in cut and trimming—as well as the strictly tailored effects.

Made up in the new grey imported materials. Serges, Sharkskins, etc., all breathe charm, dash and individuality. No Better \$29.75

New Coats, Capes and Dresses

New-27-inch Covert Coats, Special at S	5.00
New-54-inch Covert Coats, Special at	12.75
New-54-inch Cloth of Gold Coats, Special at	16.75
New-Pure Linen Auto Coats, Special at	6.90
New-Broadcloth Capes, Special at	5.00
New-Taffeta Silk Dresses, Special at	15.00



Nebraska Clothing Co. FARNAM E FIFTEENTH STS.

Among the Women's Clubs

Omaha Woman's Club Will Hold Its Annual Election on April 11, that the New President May Go to the Biennial - District Meetings - Important Announcement Concerning Arrangements for the Biennial.



didates are being offered for the office.

mine had a chance to make a quick sale of the oratory department and Mrs. H. J.

at a big profit. His wife was in Europe Penfold, at present recording secretary, alternate must be attached to the credenand he missed the sale because he could are also much talked-of possibilities. As not get her signature. Another client who yet, no definite slate seems to have been decided upon, and a score of names have compelled to give her \$1,000 worth of dia- been suggested for the various other offices.

also be appointed in preparation for the annual election of officers.

The program will be given by the household economic department. Members of the department will furnish various features as follows:

Songs—Miss Emily Boltz.
Paper—"Foods: A Field of Study for Women." Mrs. W. O. Paisley.
Belection—Mrs. Ochric.
Poem—Miss Hoel.
Story—Mrs. MacMurphy.
Pattern—Conducted by Mrs. C. H. Townsend, Mrs. H. L. Beard and Miss Boltz.
Advertisements—Mrs. F. J. Burnett.
The Alegoveries and recipes will be con-

be full. Indications are now that an entire car will be required for the party. Minnesota, Iowa and South Dakota delegations will make up a train from Chicago and Nebraska has been asked to join this party. The Omaha Woman's club will elect its delegates to the biennial April 14. The Cincinnati Woman's club's large new club house, now nearing completion, will be practically at the disposal of the local biennial board for the comfort and pleasure of visiting delegates. It contains one large auditorium and a smaller lecture room. It is thoroughly equipped with all necessary committee, board and electure rooms, kitchen car will be required for the party. Minne-Cincinnati local biennial board is urging

Millinery Opening that all women expecting to attend the biennial notify them at the earliest possible time.

Programs for the district meetings are rapidly being completed and several will soon be announced. Owing to continued filiness and a prevailance of diphtheria at Ord the convention of the Sixth district Brotherton, 1015 Locust street, Walnut Hill, Cincinnati, O. Tuesday, March 15th to have been held there April 11 and 12 Cincinnati, O. has had to be called off. It has not yet been decided whether this program will be Scott's Bluff program is complete.

at the head of the local committee visiting women from other clubs are sure of a successful meeting. .

The following notice has been issued to iennial delegates and alternates: Hotel headquarters of the General Fed- have a stereopticon illustrated lecture of Turkey. For several years Miss Barber

been made to provide officers, chairmen of committees, state presidents and state federation secretaries with credentials at Hotel Sinton on these days.) At Music By the use of a female dummy the wife is eliminated, for the husband never owns the property, though he holds the deed and controls it. Some wives never know that their husbands buy and sell real estate.

Burnett of the household economics department, Mrs. L. J. Healey of the current with credentials at the strongest, have been withdrawn, Mrs. Hotel Sinton on these days.) At Music heal Tuesday, May 10, 10 a. m. to 12 m., 1 p. m. to 2 p. m., 7 p. m. to 8 p. m. Thursday, May 12; Friday, May 13; Saturday, May 14; Monday, Msy 16, 8:30 a. m. to 10 a. m., 1 p. m. to 2 p. m.

Credentials should be presented as early as possible.

> tial card. A copy of receipt for dues of your or-ganization for 1910-11 to the general federa-tion must be presented by each delegate to the credential committee, such copy to be

"Business men often have to make sales quickly or lose big profits. They cannot afford to take chances with the whims of a wife, who, no matter how lovable, may be out of sorts or a bit obstinate on the day the transfer is to be made. I have known wives to demand elaborate details of a sale and then take a week to think it over.

"Any other uses for the woman dummy? Sure. Wall street is not the only place where wash sales are made. Suppose realty is moving slowly and sales are few in a section like that about the new state of the content of the state federation, and the new state of the content of the state federation, and the new of March. A nominating committee may attend the incoming president at Cintal All club women are requested to display.

All club women are requested to display.

In all club women are requested to display.

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In all club women are requeste

Music Hall comprises one large auditorium with a seating capacity of 3,623 and two large annexes that may be used in conjunction with it. This large auditorium will be used for all meetings. The stage is of unusual size, and is surrounded by many dressing and chorus rooms, which will be used by the various committees.

The South Annex, known as Floral Hall, will be used for all committees. Floor space: 27,759 feet, first floor; 18,438 feet, second floor. The large area of floor space on the first floor will make it possible to give all room demanded by all of the committees.

ment of the convention of the Federation of Nebraska Retailers when the secretaries of Nebraska Retailers when the secretaries of the retail organizations of these four states met at the Rome.

Statistics show that the greatest loss a retailer suffers is from these dead beats, and they have grown so bad that but ten grocers in 100 stay in business for ten years, the other % either dying or going to the wall, the principal cause of failure beling bad debts.

Persistent Advertising is the road to Big Returns.

Miles these sales are all made, duly recorded and published.

"When the transaction is closed not a closed not a property has been out of the possession of its original owner. But the public has hard of brisk selling in that particular section and begins to flock in Then prices so up. Fraud? You can call it what you please. It isn't lliegal.

When you want what you want when you want what you want the self-ing in the Returns.

When you want what you want when you want it, say so through The Bee Want Advertising is the road to Big Returns.

More applications for membership in the General Federation have been made this spring by individual clubs in Nebraska Retailers when the secretaries or ded and published.

The other C. H. Town Milites.

The discoveries and recipes will be contributed by members of the department and printed in leaflet form, one to be given to the discoveries and recipes will be contributed by members of the department and printed in leaflet form, one to be given to be discoveries and recipes will be contributed by members of the department and printed in leaflet form, one to be given to be discoveries and recipes will be contributed by members of the department and printed in leaflet form, one to be given to be discoveries and recipes will be contributed by members of the department and printed in leaflet form, one to be given to be discoveries and recipes will be contributed by members of the department and the printed in leaflet form.

The obscious areturn conditions of the department a

The Cincinnati Woman's club's large new and rest rooms, and an attractive feature is a broad terrace opening from the audi-

The executive committee of the social given in conjunction with the other Sixth science department of the Woman's club district meeting at Scott's Bluff April 6 has arranged for a meeting of the departand 7, or whether another town in the east- ment Monday afternoon, March 21, at 2:32. ern part of the district will take it. The Warden Smith of the Nebraska penitentiary will speak of that institution and Tecumseh already has made much of its conditions as they prevail there. The meetpreparation for the entertainment of the ing is planned in preparation for a new state convention next October. With Mrs. state penal institution between the deten-William Apperson, former state president, tion school and industrial school and the penitentiary. This will be the first meet- Toronto. ing the department has called since the resignation of its former leader, Mrs.

The household economics department will besting system in the palace of the sultan

Thursday morning at 10 o'clock on "Dairy has been connected with a London firm Sanitation and the Modification of Milk engaged in the manufacture of heating apfor Bables," by Prof. Mellick, lately of the paratus. Soon after taking her degree as dairy department of the Maryland Expert- an architect she determined to devote her ment station. All members of the club attention to the science of heating large may attend.

next meeting Wednesday, March 16, at 10 several hundred halls and apartments. o'clock, Mrs. M. Langfeld, leader. The esson will be a continuation of the study HE Omaha Woman's club will hold its annual election of officers April 11. As Mrs. Edward Johnson is not eligible to re-election, having completed her second term, a new presible to her second

een appointed superintendent of the new Physicians and Surgeons hospital in Wil-

reception given at Delmonico's the other year. The association was organized a standing and are valued at \$200 each. few weeks ago to give temporary all to women in straitened circumstances. It is nonsectarian. About 600 persons of all creeds and nationalities attended the recep-

The new national home of the Daughters of the American Revolution in Washington has just been completed. It is called Continental hall and has been more than sever years building. It is near the Corcoran Art gallery, not far from the White House and the War department and within sight of the Washington monument. The national officers of the organization have taken possession of the offices reserved for them

Mrs. Thomas S. Henry of Newark, N. J. was elected president of the Equal Franchise league, which has just been organ ized in New Jersey. This organization is a branch of the Equal Franchise league of New York of which Mrs. Clarence Mackay is the founder and president. The first meeting of the branch organization was at the home of Mrs. Richard Stevens, Castle Point, Hoboken, Mrs. Mackay presided and there were several hundred charter members enrolled.

The Woman's college of Illinois received during the year just past gifts in money aggregating nearly \$10,000. Miss Mary Kellogg gave \$1,000 of this sum, Mrs. Mary Green of Jacksonville the same amount. and a woman in Jacksonville who stipulated that her name was not to be given

Miss Carrie E. Crane was the first city slerk appointed in Gloucester, Mass., under a new ordinance. She has been employed in the office of the city clerk for more than twenty-five years and her recent appointment was in recognition of long and faithful services and "for the best interest of

The Woman's Medical society of Wash-

ington has just been organized, with Dr. Mary Parsons as president, Dr. Sofie Nordhoff-Jung as vice president and Dr. Emma Lotz Ervine as treasurer and secretary. This is the first organization of medical women in Washington. Miss Knox, principal of Hevergel college Toronto, and Miss Keys, sister of Prof. Keys, now on the staff of Vassar college

are the two women being considered by the

governors of Toronto university for ap-

pointment as, dean of the university. If either is appointed she will be the first woman on the staff of the University of Miss Anna Barber, a native of Colorado Springs, has been selected to make the plans for the installation of a modern

buildings. The task now before her is difficult because the palace is exceedingly The literature department will hold its intricate in its arrangement, containing

Mrs. William R. Thompson, class of W. has just been elected a trustee of Vassay college, to hold office until 1916. Mrs. Lucien Howe, class of '82, was elected prestgive a paper on 'The Real American Howe has been the chairman of the fellowship committee for several years. The fel-Miss Mary Gunther of Philadelphia has lowship is held by Miss Winifred Scott, class of '04, whose work at Columbia university is comparative literature,

Bryn Mawr college offers thirteen resi-Mrs. Alice H. Tiernan is said to be the dent fellowships and twenty-eight gradfirst woman to practise in the criminal uate scholarships. Five of these scholarourts of Tennessee. Mrs. Tiernan comes ships are open to British and five to Gerfrom Galveston, Tex., and studied law after man women only. The fellowships are her marriage. She is now practising in valued at \$525, except the research fellowship in chemistry, which is of the value of 3750. The foreign scholarships are valued Mrs. Simon Baruch and Mrs. Clarence at \$405 and are equivalent to free resi-Burns were among the speakers at the dence, board and tuition for an academic The remaining eighteen graduate day for the purpose of interesting the pub- scholarships are open to graduates of any lic in the Widowed Mothers Fund associa- university or college of acknowledged



