NEW METHOD OF ANALYSIS EVOLVED BY DR. CHAS. H. HERTY

Chemical Laboratory of the Uni-rity of North Carolina Renders Important Service to the Cotton ed Oil Industry of the South— emiss of Revolution in the Indus-Amount of Oil in Seed Can Be ry—Amoust of Oil in Seed Can Be Betermined in a Very Short Time and by Man of Average Ability— Dr. Herty Declines to Profit Financially by His Discovery—Cotton Oil People Throughout South Appre-ciate the New Method.

department of chemistry in the University of North Carolina, has, after places of safety. method of analysis for cotion seed cause took the hint and got to cover. method of analysis for cotton seed The only person any where near that products which promises to work a did not run was the Rev. Mr. Lynch, resolution in the methods of the cotton the blind man, who had just comseed oil industry in the South. In this menced to roll out a long sentence, work Dr. Herby has been aided by of Belk Brothers, when the crack

which had a large volume of business walle others who could see scampercould afford to keep trained chemists ed by and away. and in half an hour can determine out of somebody. Just how much oil that seed contains eile and submissive when a young he walked away.

THE NEW METHOD.

The most trustworthy and most about its hot nose and was soon penerally used method hitherto has drawn back in place above the cars. been the extraction of a small sample with low boiling gasoline, and weighin brief is to extract a larger weigh. and set out for home. ed sample, which is a great advantage, through him say: signid to stand in contact with the dis rind 'fo' I a material for fifteen minutes at a temperature from 55 degrees to 65 deees Centigrade. Then quickly cool the flask in water, shake thoroughly and filter. Allow the filtered liquid to stand about five minutes in the room to acquire the room atmosphere. Its specific gravity is then determined by means of a Westphal balance, the temperature of the liquid being careread from the thermometer placed upon the plummet of the bal-By means of tables which Dr. Herry has worked out the per cent. of oil is read off direct. In a large material, the results vary by not more than one-tenth of one per cent.

METHOD GIVEN AWAY Dr. Herty declines to make method a source of financial gain for himself and offers it to the cotota seed oil industry of the South. On June 9th, at Atlantic Beach, Fla., he presented this method to the Cotton Seed Crushers' Association of Alabama. In a paper before the American Chemisociety at its summer session at an account of this work

Jacksonville Times-Union at gave flattering accounts of his address. He forged checks at Claypool address and given editorials on the cities would like to catch him. value to the cotton oil industry. The June 15th and The Cotton and Cotton tion of him: dress alone or the address with an edi-

The Southern Cotion Oil Company. of Charlotte and Montgomery, has already sent two men to Chapel Hill to study the methods of Dr. Herty and the Georgia and Alabama Cotton Oil Company, of Atlanta, will send a man. Mr. G. A. Gardiner, chemist of the Macaw Manufacturing Company, of Macon, Ga., will come next week for this purpose. A number of others will probably come during the sum-Dr. Herty has been requested to spend a week in Atlanta and another in Montgomery for the purpose of drilling representatives of the mills of Georgia and Alabama, in the method.

APPRECIATION FROM MANY.

Many letters of appreciation have cived by fir Herty from cotton oil people throughout the South Mr. Manufacturing Company, Macon, Ga., for contributing such a valuable pro-Mr. Georgia, writes: "I wish personally, of buildings will begin shortly. and on behalf of the Cotton Seed Orushers' Association of Georgia, to tion at Atlantic Beach, Fla., Mr. W A. Sherman, of the Roberts Cotton Seed Oil Company, Houston, Tex., writes "Any of us in the business can fully expreciate the advantages of such a rapid determination of the oil in our products and it is a pirasure to find such men as you, who are not directly interested, but still will devote some of their time to helping us perfect our

Mr. James B. Prott, chemist of the Southern Cotton Oil Company, of Charlotte, says, "I have proven that the method is fine for quick There are dozens of other letters to the same effect. To show how quicklg the method has become epparatus dealers already advertise to furnish mills with complete sets of method."

the 'Herty envise, it cannot amount to much.

To complete the work Dr Herty hopes to issue in two weeks from the from which can be read direct the per cent of oil in any sample of cot-ton seed product analysed by this

The method is rapid, simple, scenrate, cheap in necessary equipment and requires no fechnical skill to use. The necessary apparatus can be secured

The discovery of the method came as the result of a piece of research work assigned to some seniors nemistry of the University. Such a welous result was not hoped for. and, now that it has been brought 28th.

Two Pedigreed Dogs.

Mr. Frank F. Jones has recently at his kennels here two well ectived at his genners here two wers
ad bird dogs. In speaking of them,
sterday, Mr. Jones declared that e," he said, "is a Pishel's Frank ter, and the other a Count Whate setter. These two dogs are to be of the world's finest pedid stock. Both are registered in American Field records, the certice of registration, which I have yery much like a national certificate, or a certificate for big corporation. These dogs were valuable and I prize them bight." A LIVE WIRE BREAKS.

The Square the Scene of a Wild Stampede For a Few Seconds—A Horse That Knew Danger, When He Saw It—A Negro Flies With His Waterwelon — Judgment Day Couldn't Interfere With Him.

There was a stampede at the square yesterday at noon, when a trolley wire broke and fell to the ground, curling, kicking and spitting. Those close to the centre of disturbance tarried not to question the right of a live wire to precipitate a panic just at that time but started for home Small boys in short Dr. Charles H. Herty, head of the pants and bare feet were vieing with partment of chemistry in the Uninity and avoirdupois in getting to places of safety. Those who heard some smenths' work, evolved a new the frying in the air but saw not the came. He rose hurriedly, sniffed the burning asmosphere, and sat back Hitherto only those cotton oil mills down resignedly, ready for any fate,

to watch the output of the mills for A fine horse, hitched to a delivery wagon and driven by a negro, acted A fine horse, hitched to a delivery of analysis from four to six hours were needed even by the chemist to determine the amount of oil left in the products. By means of Dr. Herty's new method any man of average abilities and dashed out of the danger zone. It told him but, lifting his front feet gracefully, he wheeled on his hind ones, turned and two sisters (you three) and dashed out of the danger zone. ity can make the determination, and and dashed out of the danger zone the time needed has been reduced to something alive. It crawled and squirmed as if angry and disappointen take a handful of cotton seed ed at not being able to knock the life. The broken wire behaved like omething alive. It crawled and But it seemed do

A suburban darky, who had just purchased a watermelon from a ing the residual oil. The new method country wagon, seized his property through the crowd some one heard Well, hit may be jedge thy carbon tetrachloride in ordinary ment day but I sho' is gwine to scrape what the gentlemen who let him have thank, loosely stoppered, allowing the dis rind 'fo' I anser any questions the \$20 thinks of him," said the news-

A HOTEL SWINDLER.

Sharper Touches Mr. Charles E. Hooper For \$100—His Record Bad One.

Some time ago one A. C. Goodman, representing himself as an agent of Fleming & Co., a well-known concern Philadelphia, got Mr. Charles E. Hooper, of the Buford Hotel, to cash a check for \$100 for him. The check as stated in The Observer several days ago came back, like the cat, and Mr. Hooper had to make good, which he number of comparative tests, using did without much ado, but with considerable feeling toward the man who had solicited the favor. In reply to a letter, a friend of his in Philadel-In reply to phia, wrote concerning Goodman, to Mr. Hooper: "I called at the office "I called at the office of Firming & Company, and, in conversation with a member of the firm, obtained the following information: Goodman has not been with Fleming & Company for the past year, and he traveled for them formerly on He never made a sale commission. He had his own business for them It is believed that he cards printed. New Haven, Conn., July 1st, he gave has a confederate here who works in He is wanted The Atlanta Constitution and The by the police of Baltimore, St. Louis connection with him. once and Parkersburg, and other places before the Georgia association, and Indianapolis, St. Nicholas Hotel, Cinthe trade journals have published the cinnati; and the police officers of these

"Memphis, Tenn., is his home, and National Provisioner of June 18th, his right name is Fred Goodman. The church, has arranged the following This Oil, Paint and Drug Reporter of following is a fairly accurate descrip- music for the services to-day; About five feet and ten inches in height, stooped shoulders. blue eyes, round face, flat nose, dark, parts hair in sallow complexion, parts hair in the middle, high forehead, careful but not flashy dresser, and is about 38 He is cut off from service years old. both the Western Union and the Postal Telegraph Companies." This same fellow was very active in He touched a number of this State. hotels in the same way. Warrants for his arrest have been issued.

WAREHOUSE ASSURED.

More Than Half the Money Necessary Has Been Subscribed-One Branch of Organization in the County Subscribes \$500.

A prolonged discussion of the scheme of warehousing cotton the submission of reports of subscription were heard at the meeting yesterday of the Mecklenburg Farmers' George A. Gardiner, chemist. Macaw Union, as a result of which it is announced that a system of warehous writes: "You are to be congratulated ing in this county this fall is a cer-for contributing such a valuable pro-tainty. More than half the money necessary to bring this plan to reali M. S. Harper, president of the Cot- gation has been subscribed and defiton Seed Crushers' Association of nite steps looking toward the erection

The farmers affiliated with the organization have readily responded to thank you again for your very val- the calls made on them for subscripwable paper read before our conven- tions for this undertaking, one town ship union subscribing \$500. The proposition is to erect one large wareuse in the city and then have smaller ones in representative sections of the farmers. The leaders in movement, which was started dropped by the local division of the cotton growers' organization & year ago, have been assured, it is maderstood, that warehouse receipts wi be honored by the banks of the city Those farmers who deposit their cotton in such institutions get its ap proximate value in cash, while at the same time it will be held until after that season when the market is depressed. The plan is feasible and can be worked successfully in the estimation of leading farmers, provided the banks lend their assistance; oth-

CALENDAR FOR THIS WEEK.

University Press percentage tables Cases Which Are Docketed For Trial at This Week's Term of Civil Court.

The following list of cases have been threshed out from the original calendar and placed on the docket for trial in Superior Court this week; M O. Dowd vs. Mayes Manufacturing Company, Monday, July 27th. Justice W. H. Stilwell vs. M. Ogles-

. Monday, July 27th. Arthur Mills vs. Southern Railway ompany, Monday, July 27th. Willie Sharp vs. A. & C. A. L. Railway Company, . Tuesday, July

about, it is given to the cotton med | /F K. Gardner vs. W. S. Orr, Tuesoll industry of the South in order to day, July 28th.
R. E. Johnston vs. Carolina Manadvance its great work in developing | R. E. Johnston vs. Carolina Man-Company, Wednesday, ufacturing July 29th.

E. J. Asaley vs. Southern Railway Company, Thursday, July 38th. J. W. Allen vs. J. W. Wadsworth's Sons Company. Thursday, July 30th. McCoy Publishing Supply Company vs. E. J. Young/ Thursday, July 30th, Ed and Mary Boyd vs. Southern Railway Company, Friday, July 31st. J. F. Stewart vs. Virginia-Carolina Chemical Company, Friday, July

B. Readling, administrator, va. J. M. Potts, Friday, July 31st. J. W. Thompson vs. J. W. Wads-worth's Sons Company, Friday, July

Bradford Mills, et al., vs. J., Birnes, et al., Priday, July 31st.
C. S. Holton and M. A. Edwards vs. Sam Bailes, Priday, July 31st.

THE POLITE CROOK.

Charlotte Ladies, Without Knowing It, Become Parties to a Neat Little Deal, Which Eased a Fellow Pas-senger of \$29—An Interesting Little Episode.

"I had a peculiar experience the other day in the New York station, just after we had entered the train to start for home," said a Charlotte woman to an Observer man yesterday. "While we-my mother, my sister and I-sat in the Pullman, waiting for the train to start, a neatly-dressed, wellmannered young man came up, bowed low and asked quietly if Mrs. Sherwood was of our party. I told him no, and he disappeared, going to the rear of the car. Soon he came again. stooped and declared in a low, gentle voice: 'I beg your pardon for speaking to you just now,' and moved on without removing his hat. I remarked on the fact that a gentleman with such perfect manners in every other way should not lift his hat on addressing ladies.

"Pretty soon, however, all was ex-ained. The conductor came to me plained. and inquired as to what the young and that he had slipped his purse in another a dress suit case in which he could not get at until the train started.

"'Yes, stung,' said the conductor as "The man had entered the day man came up and threw a clamp ouch, walked back and worked his rick and departed within a shorter time than it takes to tell it. never seen him before. Mother and agree that he was a very attractive ooking young man, with rather tak-'It would be interesting to know

Indeed, it would."

A Six-Year-Old Musical Prodigy. Brevard Williams, the 6-year-old son of Mr. E. S Williams, is a musi-cal prodigy of the first stripe. Little Brevard can play on almost any instrument, but is an adept on the plano. His little hand is not broad nough to reach an octave, but he switches his thumb over to the keys so rapidly that there is not a break in the sound. Every member of Mr Williams' family, including himself, plays the plane, but the little fellow bids fair to lead them all in honors. He is also a dancer after the fashion of old stagers.

Got a Glut of Music. "You know I have been a big fool about music all my life, but for the past few months I've got so I can't stand it at all," said an observant citizen.

What's the matter?" queried an interested bystander. 'Why, it's these darned moving shows. Every time I come out on the street I can't hear a thing out electric planos all the time. The other day some of my folks started to play the piano at home and I had get up and leave."

Music at Second Presbyterian Church. Mr. H. J. Zehm, organist and choir director at the Second Presbyterian

Prelude. Anthem. Offertory, "Out of the Deep' "And In That Day". Woodman Postlude, "Allegro Symphonique

Offertory, "O Taste and See" Postlude, "Finale" Lemmens

Farmers' Union to Pienie. There will be a nig gathering of

folks in Providence on the 11th of August, the occasion to be under the amplees of the Mecklenburg branch of the Farmers' Union. Prominent speakers will be present to deliver addresses in the interest of the movement, and there will be plenty of amusements to attract the Refreshments of various kinds will and be prepared for the throng that is expected.

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Congress Hall Hotel Doing Well. Capt. L. T. Royall, of Washington was in the city yesterday, stopping at the Central. Congress Hall Hotel the new and pretty hotel on Capitol hill, near the House Office Building, is a hobby with Captain Royall. Having stock in the company that built the hostelry he is very much interested in its success. During the winter, when Congress was in session, During the about sixty-five Con Congressmen and This summer the house is kept open for transients who stop over in the capital for a few When asked how it was getdays. ting along Captain Royall said that it was doing its share of the summer business. The place being convenient to the union station, the Library of Congress, the Capitol and other attractive places, many tourists tarry, there. Congress Hall is located in there. Congress Hall is located in one of the coolest spots in the District

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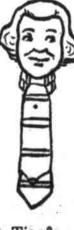
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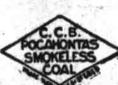
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