## The Charlotte News

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Announcement The attention of the public is respectfully invited to the following: In future, Obituary Notices, In eMmoriam Sketches. Cards of Thanks, communications espousing the cause candidate and like matter, will be whose realm they were invading, upon charged for at the rate of five cents them. a line. There will be no deviation from

SUNDAY MORNING, OCT 8, 1911.

Hog killing time in Dixie.

Summer persists in staving put.

Every little octopus has a jack pot all its own

Editor Gonzales has also been converted to the "Mecklenburg myth." The LaFollette boomlet fooks good

to Mecklenburg republicans. The fall crop of near poets is im-

mune to frost bite

Italy does not believe in waiting until Thanksgiving for her Turkey.

Winston-Salem has closed a most successful fair, which reminds us that the one scheduled for Mecklenburg is to be the best ever.

In a fever of state pride, the News and Observer says, "North Carolina raises everything one needs. A lady in Vance county raised enough dish rags on one vine to bring \$18.75."

This story certainly takes the rag turned forth. Hear it: off the bush.

### SHAMS AND REAL THINGS

ionable summer resort. His hair was parted in the middle with mathemattrousers wore twelve inch cuffs and he wore a near jewel in his cravat of rare flashiness. He was the only and original heart smasher. He employed long words in conversation and his was the air of one who had "seen the world" and found it boring. He spoke with authority on all subjects.

In fact he was the real article hot from the griddle. And his income was a direct remedy for the white Afteen per week!

Over in the corner on a snug rocker sat the gentleman who was taking science that the white corpuscles in a needed rest after a year of hard the blood known as leucocytes have labor. He was unassuming, but when the power of destroying disease addressed, conversed in the quiet, germs in the body, but the trouble in polite tones of the inherent gentlemost cases is that the disease germs
multiply much faster than the leuman. He owned the concern where cocytes can dispose of them. Dr. the young fop worked. If one should Webb proposes by methods already go by appearances the sport had the partly known to cause an enormous old gent backed off into a shady with the result that the patient is recorner of the map, but the world is lieved of the enemy within and for-not long in detecting shams from real tifled against the invasion of poison-

C. N. Mather has pictured the sitlowing:

THE OFFICIALS. Who gets down to the office late The president.

Who wears a diamond in his shirt That makes the very optics hurt? Who always is abrupt and curt?
The General Manager.

Who makes you feel like thirty cents would ride without ex-When you Who has a turn-down that's im-

mense? The General Passenger Agent

Who bores you through with haughty When you would travel anywhere And grabs the money for your fare?

The Ticket Agent

Who takes your ticket with disdain And freezes you with might and main For daring to get on his train?

The Conductor. Who seems ashamed to take your

Whose dignity will never slip But who will never miss a tip?
The Porter.

Who is the shabby old galoot Who wears a fourteen-dollar suit And greets youwith a kind salute? Oh, that's only the old duffer who owns the railroad That's all.

BACK TO KILL DEVIL HILL. Since North Carolina was the scene of the first successful flight in an aeroplane, it is fitting that the inaeroplane, it is fitting that the ingarian family of royalty. She resumed ventors of the first successful air her maiden name. Her husband made ship should return to Tar Heel soil to solve the further problems which confront aerial navigation.

The Norfolk Ledger-Dispatch tells of the first venture made by the Wright brothers in this state, and their later return to take up the unfinished task, in most interesting manner:

"It was in the spring of 1908 that the Wright brothers emerged from the sand dunes of the North Carolina coast with a flying machine that had stayed in the air for thirty minutes and made twenty-four miles in that half of an hour.

"Five years before this pair of bicycle repairers of Dayton, O., had announced the construction of a "flying machine.' It had remained in the air 59 seconds and made 852 feet. The skeptical laughed, and others One year ...... \$6.00 quoted Darius Green and his flying months ..... soo machine and all were doubtful as to the success of such an undertaking

"The Wrights themselves realized that one very important thing about flying machine experimental flights was to find a soft spot for landing, and accordingly they sought the long stretches of sandy beach and marsh land that separates the ocean from the Albemarle and Currituck sounds. "They went to Nag's Head and

thence twelve miles north to Kitty Hawk, where Postmaster Tate listened to their story of flying machines, and in the goodness of his heart, and possibly with a keen sense of appropriateness, directed them to Kill Devil Hill, a secluded spot of sandy softness with dunes high piled by the winds and tides. Here for weeks they experimented with only the occasional gaze of bewildered fishermen or the startled sea birds,

"Soon they left Kill Devil will for a broader field of action and practi cally the world for an audience. The story of the biplane and the monotheir achtevements and disasters, is familiar to everybody. Remarkable have been the hights, and wonderful exhibitions have thrilled thousands, but the death toll has been enormous, and the aeroplane of today has not filled the requi ments of safety and efficiency that would establish its commercial availability or insure satisfactory service for the government department in the

war and navy departments. Hence the Wrights have retired again to Kill Devil Hill, and, once more amid the lone sand dunes they are battling with the half-solved problem of aerial navigation. They have now ample funds, they have added confidence and experience, and should they find a way to avoid the troublesome engine they may emerge again from the sandy solitudes with a completed invention for which the world g waiting."

Evidently the Salisbury Post has purloined the ni' piet of the Raleigh Times, if we may judge from the 'verse' published below, the only difference being in general theme. While in Raleigh the poet in question had a fondness for the soft and slushy, love, romance, and the like. In Salisbury a real political heroic is

Next fall when the votes are count-

And right here stick a peg-We'll hurrah and shout, without doubt. For Wilson and for Craig!"

### FROM OTHER SANCTUMS.....

New Hope For Consumptives.

The discovery by Dr. Gerald B. Webb, of Colorado, of a new method of curing tuberculosis is of the highest interest because it seems to offer plague, which is simple and positive in its action.

It has long been known to medical ous germs.

It is stated that the experiments have attained excellent results, but mation in amusing manner in the fol- that further tess mus be made before he remedy can be listed among the accepted triumphs of medicine. The remedy is not without its dangers and must be applied under expert And then presides in gorgeous state medical advice and management, but and make the proudest callers wait? if it is the simple cure for tubercube it will be placed as first among the wonderful discoveries of the past few years, and his name will be joined with those of Jenner Pasteur and Erlich as benefactors of the human race.-Richmond Journal.

DIVORCE SWIFT AS LOVE.

Marriage on Sight Followed by Suit to Untie Knot. Reno. Nev., Oct. 7.-Another secret

marriage of a schoolgirl has found its sequel in the divorce courts here. Sahar B. Pearl, on leaving school for vacation, with her parents at South Bethlehem, Pa., where her father is interested in several big enterprises, met on the train a young man, Victor Lang, who represented himself, she says, as being a New York business man. The couple got off the train at Elizabeth, N. J., and were married. Later the facts were com-

municated to her astounded parents. They separated on the day of their marriage when her husband informed her that he was a gambler. She declared she could not live upon money Mr. Kuester president of the club. His gained in that way, and refused to

ive with him. Afterward a reconciliation was tempororily effected. Lang demanded that a cash settlement from her father be secured by her. She then returned to her Pennsylvania home and in due time came to Reno and filed charges of non-support against her husband, upon which a divorce was granted her

today.

It is said her husband is of Hun-

A flow of profanity may be fluent, but it can be dammed.

Years Work is Ahead.

Secretary Corwith's Annual Report Read - Showing a During the Past Year-Vice-Presidents

With enthusiasm at floodtide for the five years of its organization the appointed. Greater Charlotte club held its annual hall of the eSlwyn hotel for the purpose of hearing the annual report of Secretary Corwith and electing officers for the combandary cers for the coming year. With loud and long acclomation Mr.

Clarence O. Kuester, who is admittedy- the livest president the club has ad, who was chosen president to succeed himself will lead the patriotic upbuilders of Charlotte in another year's atrenuous work for a greated and better Charlotte. Mr. E. M. Cole was elected first vice president; Mr. C. C. Hook was elected second vice president. The election of all these gentlemen was unanimous and a rising is to be found only in public owner vote was taken in each case.

decorated in banners and devices of perience of the city of New Orleans, club. One of them bore the inscription which now owns and operates a belt "All together for 1000 members by railroad."
1912," meaning a club membership of 'Ihis w 1000. Another said Charlotte must delivered at yesterday's session of the have a population of 80,000 by 1920. convention of the league of American While the entire membership of the municipalities by Mayor Martin Behrclub was not present, those who were man, of New Orleans. May Behrman in attendance made amends for the absentees in enthusiasm, which was rampant. That a few of the members were absent was their loss and they cause such conditions, he said, hamp-would probably have been present had er public commerce. they been able to foreknow of the jollification that took place.

President Kuester, after pushing

back his coat sleeves, indicating that e was going to shoot straight from the shoulder, told the members in his forceful and convincing way some things that would be necessary for the members to do if the work of the club was to amount to anything. The e cooperation on the part of members, that every member must be a in the work of the club.

Secretary's Report. Paramount interest centered in the 000. reading of the annual report by Secretary Corwith, which was necessarily quite long and was a complete and enlightening resume of what the club has amounted to nearly \$3,800,000, in-

year in the city and state, and of the things of statewide significance being the movement for a state back home

Choosing of Officers.

When the reading of the report was completed, Mr. D. P. Hutchison made the motion that it be adopted which was done, with the accompanying thanks of the club. This closed, Mr. Kuester called to the chair Mr. W. S. Lee, who was the president of the club in 1909-1910, to preside as chairlosis that its author believes it to man while the election of officers took place. Disregarding Mr. Kuester's request that the election proceed at once and without any reference to the work of the closing administration, on the ground that the work of the year was shared equally by all the mem-bership of the club, Mr. Lee paid a high tribute and, evidently, a very sincere one to Mr. Kuester for the unselfish and patrotic work he had done

for the city during the year.
"I am coshdent," said he, "that Mr. Kuester has devoted time to the general good of the city that has meant pecuniary loss to himself. I, for one,

nominations, said it had been his experience that the busier a man is the more work you might expect to get out of him. "I want to place in nomination for the place of first vice-president one of the busiest men in this city, one who has always been deeply interested in the welfare of the club and one of its most active members. Inominate for first vice president. bers. Inominate for first vice president Mr. E. M. Cele. This choice was also unanimous and by rising vote.
"I don't know what his mother

Mr. C. O. Ruesser Again stand for," said Mr. John A. McRae, rising to his feet, "but I know what it Chosen President - Much ought to stand for and I want to place nomination for second vice pres Enthusiasm Prevailed And a dent of the club the name of a citizen who has always been at the beck and Bright Outlook for Next call of the Greater Charlotte club. I nominate Mr. Charles "Corker"
Years Work is Ahead. Hook." This was also unanimous and

by rising vote.

The meeting adjourned after a few more remarks by Mr. Kuester as to the policy of the club for the coming year and the deciding of one or two Great Deal Accomplished other matters. One of these was a suggestion of Mr. W. R. Matthews that a committee from the club be appointed to meet with the board of aldermen from time to time to cooperate with to certain needs for the city's wel fare. The idea met with very hearty reception and the committee will be

Atlanta, Ga., Oct. 7 .- "That the ef fective control of railroad terminals ship and operation of such facilities The assembly hall was fittingly has been demonstrated by the ex-

This was the keynote of an address expressed his disapproval of the granting of valuable street franchises to private railroad corporations be-

After referring to the fact that New Orleans absolutely controls and administers its water front, Mayor Behrman recited these facts concerning the successful operation of mu-nicipally owned terminal, laying par-ticular stress upon the belt railroad:

keynote of his talk was that there must mense wharves covered by steel sheds he concernion on the part of mense affording adequate space for the accumulation of cargoes \$2,500,000 walking advertisement of the club; Eighty-three per cent of the total tonthat every man must try to influence nage arriving at the port is handled some other fellow on the outside and over the public wharf system. This get him into a condition of believing board has cheapened the cost of handling commerce and has a surplus resulting from operation of nearly \$713,

has done during the past year. The cluding the purchase of property for report showed that there had been an levee purposes.

of the country and has made it a transfer of merchandise in railway point to give information along the same line to hundreds of callers at railroads and steamers and between the office during the year. The report covered every phase of the club's accessible its wonderful natural faciliactivity and was an eye-opener, even ties to the trunk lines which have for some of the members of the club, sought entrance to the city. The sern point of the large part the club vice is cheaper than the trunk lines has taken in the events of the past can perform like service, for their its merits.

### Crooks Flock into Atlanta in Advance

Special to The News.

been reported in addition to the loss set aside an order of the Interstate of a handbag full of diamonds and Commerce Commission reducing from

The smoothest piece of crooke ican Municipalities lesgue convention There are ten cases scheduled for this morning, just before he departed trial relating to the hours of sevice of trial relating to the hours of sevice of the morning.

## The Prize Winners In News' Story Contest

The Rip Vas Winkle contest which has been conducted by The News, has been conducted by The News, has been a most interesting one and over a hundred compositions were entered by as many school children of the city. Sixteen box sests to the matinee performance of Rip Van Winkle at the Academy of Music are the prizes and has list of prize winners is given be.

The story being dramatized, has been immortalized by Joseph Jefferson, who bids fair to add to the laurels of his great father, Joseph.

EDWIN BLOOM, No. 13 N. Clarkson St., Charlotte, the list of prize winners is given below. Those winning prizes can call at the eNws office any time Monday, before the matinee and get the tick-man, but disliked to work. One day

Prize Winners. Prive-Entire Box-Edwin 2nd Prize-Two box seats-Negl Y.

8rd Prize-Two box seate-Elizabeth Jamison 4th, 5th, 6th, 7th, 8th, 9th, 10th and 11th Prizes-One box seat each, the follinwing being the winners: Ruth M. Robinson.

Margaret Godwin. Hazeline Summerville. Ethel Faires. Harry Grose. Annie May Hasty. Ruth McMichael.

ten by the winners of the 1st, 2nd Winkle! and 3rd prizes:

The story of Rip Van Winkle by Washington Irving, teaches us a lesson of great importance, namely, that a life of indolence and intemperance friendly; but above all how patient! generally ends badly. Driven from home and wandering in

until overcome by sleep. He awoke after twenty years and found himself forgotten.

he went to the mountains and fell asleep and on awakening he was very much surprised to find a rusty gun by his side and his dog gone.

He went to the village, but saw only strange faces and changed fasheH went to his home, but found

He was identified by an old woman and was taken home by his daughter; where he ended his days telling his story and entertaining the children. NEAL Y. PHARR.

Third Prize. Poor Rip! Was there ver such a henpecked man? Why, the men of the present day would be "on their way to Margaret Gallant.

Reno" in a week if they had to live with such a woman as Dame Van

Some people accuse Rip of being lazy. But he was very willing to

He was in truth a second Job! Small wonder the poor man wan-Catskill mountains, he fell in with a dered to the mountains and slept for party of dwarfs, with whom he drank twenty years. How he deserved that rest!

ELIZABETH JAMISON. Age 13 years.

# U. S. Commerce Court Settled In Its New Quarters Is at Work

Washington, Oct. 7—The United the Chicago stock yards cases. In States Commerce Court which convended on October 2 is now settled in its railway were prevented by an order of called Wulf's emanometer, which is denew quarters, and has buckeled down the Interstate Commerce Commission to work. The outlook is for a very busy season. In addition to consider packing business. The stock yard railation and decision in a number of ways protested against this order of cases which were heard at the spring session of the court there are twenty. eight new cases on the docket.

One of the most interesting suits, because of a criticism of the Compart of the railroads to set aside an or-merce Court in connection with it, is der of the Interstate Commerce Com-the old were decidedly more radiothat of the Baltimore and Ohio rail- mission prescribing the rates on le-road, the Brooklyn Eastern District mons in carloads from southern Cali-Terminal, and John Arbuckle against fornia to Denver, and cities east of the government and the Federal Sugar Denver.

The Commerce Court was bitterly cases dealing with orders of the Inter-assailed from all sides. On the face state Commerce Commission instituof it is appeared as if the "interests" ted in the various circuit courts had found a friend in the court but as throughout the country were transferamenter of fact the court did not at red to the Commerce Court. tempt to pass upon the merits of the case, and granted the temporary injunction merely than an opportunity Lovers on War

Another case to be tried at this session of the court is the Atlantic Coast set aside an order of the Interstate Commerce Commission prescribing the rail and water rates on boots and Commerce Commission prescribing the Marbeuf have had an exciting exhiline Railroad Company and others to shoes from Boston and New York to bition of lovers on the warpath in the Atlanta, Ga. Another case is that of top floor of one of their houses. Special to The News.

Atlanta, Oct. 7.—Crooks and lightIngered sentry of all descriptions.

Atlanta, Oct. 7.—Crooks and lightIngered sentry of all descriptions. the Baltimore and Ohio Railroad to set There were Romoes here and Romoes Atlanta, Oct. 7.—Crooks and lightmerce Commission denying the right
fifth-floor balcony, and another fired
beginning to flock into Atlanta, expecting to reap a rich harvest from
the crowds who will come next week

crow the crowds who will come next week
from north and south for the spectacular military ceremonies in connection with the unveiling of the Gate
case is that of the Athinson. Topeka
the comment of the door or a wall. City Guard peace monument.

Several considerable losses have and Sana Railway Company, et al., to jewelry by Mrs. Yancey Harris of \$30 to \$7.50 per car the charge for refrigeration of citrons fruits, such fruits are precooled and iced by

was worked on a delegate to the Amer-ican Municipalities leaving convention. There are ten cases scheduled for eral good of the city that has meant pecuniary loss to himself. I, for one, an ashamed to confess that I have not supported him as I should have done. We have not realized what we people of Charlette owe him. I know he would like me not to make these remarks, but I think we ought to think about these things.

Following Mr. Lee's call for nomination for a president of the club for next year, Mr. W. F. Dowd rose and said he believed there was but one sentiment in the hall and that it could be felt in the sir—that was to realest.

Who but Clarence Booster Knester (Who but Clarence Booster Knester (Then the signal for appliances that left no doubt of its semimenes. "Who but Clarence Booster Knester could have piloted this organization through a year of as successful werk as that indicated by the secretary report. If this club had done nothing also than develop Clarence Knester it would have given the city a great asset."

Messry. E. R. Preston and W. F. Messet in the stranger, who handed over the brill further. Both stags, he found to their attornays as to further present.

"Messry. E. R. Preston and W. F. Holl for the brill further. Both stags, he found to their attornays as to further present."

The stop of the city that have one to a store on Peachtree street, a stranger sudd.

The store of Peachtree street, a stranger sudding the club at stranger sudding to the north mer str

settle this question.

Refining Company. Much interest is The argument was made before the concluded that the phenomena are the manifested in this case, and because court that when the Payne-Aldrich of the publicity which it gained last tariff bill went into effect increasing one of its disintegration productsyear, and the embarrassing position in the tariff on lemons from the Mediterwhich it placed the Commerce Court, the ranea, designed to protect the fruit it is more than likely than the case will be one of the first decided at this took the opportunity to increase their factory not only his the original metassism. The question involved in the rates on shipments of lemons the case is that of lighterage charges on smooth of the increased tariff on letter,—but is also made in ordinary money. The railroads therefore and report showed that there had been an increase of membership during the year from about 400 up to the high water mark of 608 at one period of the year, but resignations and a good many removals from the city had brought it somewhat below that figure.

There are, no outsanding debts against the organization which cannot be met by the funds now on hand. There are to be met by the funds now on hand from the club office thousands of pamphlets, booklets, buttons and forbs had been sent broadcast ever the land advertising the city. The secretary has written and furnished articles are being served.

The axisting trackage consists of pamphlets, including main line and trackage consists of pamphlets, including main line and trackage consists of pamphlets, booklets, buttons and forbs had been sent broadcast ever the land advertising the city. The secretary has written and furnished articles are being served.

The axisting trackage consists of pamphlets, including main line and trackage consists of pamplets, including main line and trackage consists of pamphlets, booklets, it is also made in ordinary mons. The railroad is also most producers, reaped the benefit of new tariff. The luterstate Commerce Commission is and the trackage of exercity tracks and numerous large waters, there were another in that respect. This was just two weeks before the spring season of the cuty and the cuty of the cyrly units of the city and the cuty of the cuty of the court and trackage on the court and the cou Congress creating the court all of the has been given attention by some cases dealing with orders of the Inter-

She is a very handsome Juliet, too, and has been shining as a star on the stage for three years. A very promising young musician and com-poer had been paying court to her. He was the director of an orchestra, and she was about to appear in a new play in the principle role, but a few months ago there was a coolness between them, and finally the actress broke off altogether. The musician was more disappointed when he learned that she was beig courted by another young man of good family. He returned to the actress, and she de-clined to see him. The other young man meanwhile heard of it, and rushed to her protection. He secured a revolver to be prepared for any emergency, and the musician, of course, came to be possessed of a similar weapon. eH went to the house where the actress resides, and was going to have it out.

The other young man, however, got there before him, and warned the actress. The musician came and found the door locked. He went to the top through a year of as successful work as that indicated by the secretary's at that indicated by the secretary's ing else than develop Clarence Ruester it would have given the city a great asset."

Messrs. E. R. Preston and W. F. Harding seconded the nomination in warm terms and Mr. E. M. Cole suggested that members ladicate their vote by rising, which was done.

Mark of the search of the process and decket, where they have been held decket, where they have been held decket, where they have been held gending the decision of the Internated Commerce Commission in the innermountain cases recently handed down.

A third suit brought by the Atchison is in the same class. This case will await the decision of the companies and the stranger, who handed over the bill further. Both sides, he found to warm terms and Mr. E. M. Cole supported.

Harding seconded the nomination in warm terms and Mr. E. M. Cole supported in the surprise, looked exactly silke, but of the Chicago Rock is counternest.

Is it the navy that enables a nation to paddle its own cance?

Is it the navy that enables a nation to paddle its own cance?

The national content of the class of the constant of the door locked. He went to the top floor and knocked a second time. This time she answered, but behind the closed down. This time she answered, but behind the closed down. This time she answered, but behind the closed down. This time she answered, but behind the closed down. This time she answered, but behind the closed down. This time she answered, but behind the closed down. This time she answered, but behind the closed down. This time she answered, but behind the closed down. This time she answered, but behind the closed down. The locked as second time. The house was the counternation in the innermountain the closed down. The closed down. The closed down. The closed connected the pending the decision of the companies and the stranger, who handed over the closed the stranger. The counternation in the closed down. The closed counternation in the closed down

products are artificial manures-nitrate of lime, with 12 1-2 per cent of nitrogen, and calcium cyanamide with 18 per cent-and these are made at prices comparing favorably with hose of older artificial manures such as nitrate of soda and sulphate of am. monia. For the nitrate of lime, by Birkeland and Eyde's process, nitro. gen of the air-a unique raw material costing nothing—is fixed directly in the electric furnace, nitric acid from that his wife was dead and all his this fixed gas then acting on carbonate of lime. In the calcium cyanamide process brought out by Frank and Caro, the nitrogen is first isolated from the air, and is then absorbed by carbide of calcium an electric furnace product costing about \$30 a ton. To offset the difference in cost of raw materials. the nitrate of lime process requires more electricenergy for a given amount of nitrogen fixed. Products of these

> sells at \$135 a ton. A moddle of the moon in wax was nearly completed by the late Charles EmileEtuyvaert, of the Royal Observ. atory, Brussels. It is on the scale of one-millionth of the natural size and he had been to work on it, ten years at time of his death in 1908. One of the 24 sections forming the hemisphere was lately shown in London.

processes have many other uses. Concentrated nitric acid is sold for gun.

cotton, dynamite, etc., and ammonia

nitrate, in demand for safety explos-

Birkeland-Eyde towers and ammonia

material, with 35 per cent of nitrogen,

ives, is made by weak nitric acid from

iquor from English gas-works. This

SCIENTIFIC MISCELLANY

Nittogen Products—A Wax Moon

Magic Pictures-Radium in The Body-Lustrous Cloth-Toothbrush

Germs-An Artificial Zodiacal Light

-Pure Iron-A Sixth Sense Myth.

The nitrogen-fixing processes, first

started on a commercial scale in Nor. way and Italy about six years ago

were reviewed in a British association

paper by E. Kilburn Scott. The chief

A rather mystifying picture is noted by a German photographer. On stripping off a negative film and breathing on the cleaned glass plate a positive copy of the negative appears. Strange also is the impression seen on breathing on a polished metal surface where a coin has lain a few minutes.

Human radioactivity has been invest gated by Prof. R. Werner, of the Heidelberg Academy of Science. Obtaining 41 sections from 12 different hulungs, heart and liver, and only very The lemon rate case is a suit on the faint indications were yielded by the in life or any living conditions. It was result of the presence of radium or probably absorbed from food or drink.

found to effect the brush and bacteria then developed rapidly on every hair Ordinary powders and pastes had lit-tle sterilizing effect. Keeping the brush in formaline disinfected it, but this so softened it that it was useless. Rensing with a one per cent solution of the trikresol after each using proved most Path on Houses satisfactory. Another enective method of disinfection was boiling the brush five minutes before and after use, and five minutes before and after use, and satisfactory. Another effective method

> In his curious electrical imitations of the Zodical Light and Saturn's rings, or disruptive discharges. But when the magnetizing current is turned on, the sparks tend to form two bands parallel to the ball's magnetic equator, Various observers have noted a like arrangement of sun spots, the two bands being between 50 and 40 degrees of north and south lattitude. There sunspots are centers of emission of cath-ode rays, and it is suggested that they are due to the piercing of the photosphere—acting as an insulating envel-ope—by the disruptive discharge. The sun's nucleus is supposed to serve as positive pole of the enormous currents. The catchode rays given off may explain not only the luminous phenomena of the atmost prere of the earth, but magnetic storms, and also—it has been added—such heat-waves as have been lately experienced.

> The production of iron by electrolydedeposition seems to have been brought to a commercial stage or Franz Fischer of Berlin, and the pro-cess is in use in large works at Leipsic. By varying the electrodes the product can be obtained as sheets of any desired thickness or in the form of tubes The iron is remarkably pure and this