## WIGGINS ON THE MOON.

He Scatters the Theories of Modern Astronomers to the Winds.

PECULIAR IDEAS OF THE ECLIPSE.

A Diagnosis From the Canadian Expert That Is Characteristic.

WHY HE'S PREDICTING NO MORE STORMS

OTTAWA, Nov. 21.-Prof. E. Stone Wiggins, the Canadian astronomer, was interviewed regarding the recent eclipse of the moon. "I have nothing to report," said the professor, "but how strange it is that astronomers still talk about the moon having no stmosphere, and yet they never saw a lunar eclipse without witnessing proofs of its existence. During the total submersion Sunday evening the lunar disc was clearly visible, and of the color of smoke. If she possessed no atmosphere, it would have been as invisible as a black cat in a dark cellar. Three days after 'new moon' we can see the ring of light around her whole globe, which would be impossible if she did not possess an atmosphere to diffuse the color light, for the sun can illuminste only half of her sphere. The fact is, the moon would be forever invisible did she

not possess an atmosphere. "Have you made your views on this sub-

ject public? "Yes, hundreds of times. In 1864 I published a book of 300 pages entitled The Architecture of the Heavens' to prove that the sun is not a body of heat which imparts light and heat to space, but is a dark body of electricity which creates, by electric force, light and heat in the atmosphere of the planets. Between the planets there is neither light nor bea.

The Fire Theory Long Age Abandoned. "It was many years before the old fogy school of astronomers would renounce the fire theory' and adopt mine. But while they have at last admitted that the sun's photo-sphere is electric, they still believe that all the space of the solar system is illuminated by the sun. Why, if this were so the heavens would be as bright to us at night as by day. This is why we cannot see our second moon, because it has no atmosphere to create light by friction with the solar rays. In this same book I also demonstrated that the moon has an atmosphere, and now I begin to see that my labor of 30 years ago is about to bear fruit, for the Lick telesc has just revealed snow on the summit of the

lunar mountains.

"That reminds me that this great telescope has discovered something peculiar about one of the moons of Jupiter," inter-

jected the reporter.
"Yes, that it is double. I am very doubtful of this. If the hemispheres were a few thousand miles apart, one might maintain its position by revolving about the other, but to remain stationary—the thing is im-

"Some of the stars are double, are they

"Yes, but the parts revolve round each ther. The Lick observers probably have the idea of Dr. Olbers, an astronomer of the last century, in their mind, without knowing it. He thought that a large planet must have once revolved in the great space between the orbits of Mars and Jupiter, and that it burst and formed

moment. The halves gradually receded from each other, and now they are two dis-tinct comets with different periods of revolu-tion. The division was caused by the parts becoming so highly electrified, and this it was which caused them to recede afterward. A Strong Electric Repellant Force.

"If such a calamity could happen a planet could not one planet fall upon another, and is it not believed even by astronomers that the earth will fall into the sun? If our moon were to stop suddenly in her orbit and run toward the earth she would never and run toward the earth she would never reach her. It would require some weeks to fall to our planet, and then we would have traveled so far that the satellite would fall into another orbit in trying to reach us. Even were the earth and moon stationary in space. I very much doubt that they could come together, for their mutual electric force would repel them. Of course, were such a trial to take place, our earth would be stripped of all animal life, for the moon's proximity would submerge all our continents. Then the idea of the earth falling into the sun is humbug, and is only originated to scare religious lunatics. Even if the earth stopped in her orbit she would require 13 years to fall into the sun. Even if such an event were now transpir-Even if such an event were now transpir-ing we would not notice it; besides, the sun would repel us as he does the comets, and we would soon be traveling again in the old

"What is our moon's distance from the

"What is our moon's distance from the earth?" asked the reporter.
"Our books say, in round numbers, 240,000 miles, but it is probably nearer 300,000 miles. We cannot possibly even guess the distance of any of the heavenly bodies, either from us or from the sun."
"You have not predicted any storms for some time, Prof. Wiggins?"
"No, for all the dangerous storms this antumn are in the eastern hemisphere.

autumn are in the eastern hemisphere, which accounts for my silence. I could have shaken up the British people this year, but did not want any more of the old

# LATE NEWS IN BRIEF.

 A colliery explosion in Brussels yester-day killed two miners. -Dennis Murray, the freight engineer who was in a wreck at Grand Rapide, has gone

-Thieves broke into the Rye, N. Y., Fe-male Seminary and stole jewelry to the value of \$1,500. -Four prisoners broke from the Lexington, Miss., jail yesterday morning. They were express robbers.

—The citizens of Mexico complain of bad mail service. Letters are frequently lost and never delivered promptly.

—Michigan's Supreme Court has declared that honorary members of the State militia are exempt from fighting duty.

-The influenza has attacked the children in the Catholic Industrial School of Dart-ford, England. At present 100 children are prostrated.

—The Illinois members of the General As-sembly will proceed to Washington Decem-ber 1, to boom William W. Springer for the Speakership.

—Unless Kansas is redistricted she is likely to lose an elector. The Governor will probably call an extra session of the Legis-lature to act upon the matter.

—Samuel E. Birdsall and John E. Jones, firm of Jones & Birdsall, ship chandlers and grocers, New York, made an assignment yesterday to Andrew J. Newberry, with preferences of \$7,700. "-Two noted swindlers named Bell and Davis have been arrested in Honolulu on a charge of snuggling coin into the country. They started a bank in New South Wales and then ran away with the money on de-

-Relations are strained between the French resident general in Madagascar and the Malagassy authorities, who refuse to recognize the right of the French resident general to issue exequators to foreign representatives. Unless some arrangement is made, war will likely result.

the four asteroids, Ceres, Pallas, Vesta and Juno. That idea, however, was abandoned years ago, when we came to discover hundreds of asteroids, or small planets, in that region. Biclas' comet really did burst into two parts a few years ago. An astronomer was looking at it through a telescope at that

MORE MINERS STRIKE

More Than Four Thousand. INDIANAPOLIS, Nov. 21 .- As a result of the miners' meeting held at Washington, Daviess county, last night, 500 more miners struck this morning. This brings the number of miners now on strike in Indiana up to about 4,000.

up to about 4,000.

There is great rejoicing among the Brazil miners, as the Washington county men had held out against all overtures up to the present time. While the Indiana miners are not idle, this last accession to the strikers' ranks will make the supply of Indiana coal practically nothing.

Come Now

For the newest dress trimmings. We open two cases of the latest ideas in trimmings Monday morning, November 23. REINING & WILDS,

Thornton Bros., Allegheny, If you only have \$5 and want a nice jacket come to The Cash Store for different styles of \$5 jackets, for which you pay \$10

Fall and Winter Opening. Nobby suits and overcoating at Dickson, the Tailor's, corner Wood street and Fifth avenue, second floor. Telephone 1558.

# RHEUMATICURA

This wonderful remedy, although new upon the market, has been used for the past nine years, in the permanent cure of hundreds of the worst cases of Rheumatism (inflammatory, muscular, etc.) and Rheumatic Gout, and has never

One bottle will usually effect a cure in from one to three days.

OFFICE OF J. G BENNETT & Co., 447 WOOD ST., PITTSBURG, NOV. 14, 1891.

Rheumaticura Co.:

GENTLEMEN-I wish to add my testimonial to the many that you have doubtless received from people who have used this wonderful medicine.

In my case of Inflammatory Rheumatism I was unable to leave my house or attend to business, but your medicine brought me around in two days, and I have not been troubled in the slightest since.

Very respectfully,

B. N. McLAIN.

Call at office and seg the testimonials fro people who cannot speak too highly of this medi

RHEUMATICURA CO., 616 Penn Ave., Pittsburg



physicians. See large advertisement of Kensington on Tenth page.

DON'T MISS GETTING

LAMBS IN THE PIT. no22-42 BOSTON NOVELTY STORE.

### NEW ADVERTISEMENTS A WORD TO THE WISE IS SUFFICIENT. Sicolo familiar with Everybodyis

Saibr this name. Pittsburg has had a quarter century of experience with it. It stands for well-made garments.

Little doubt about this being Overcoat weather. Our stock was never as large nor so replete with Novelties of Home and Foreign manufacture. MEL-TONS, KERSEYS, ELYSIANS, CHIN-CHILLAS, etc.,

made to your measure, Single or Double-breasted, from \$18. the Failor. 400 SMITHFIELD ST.



42 FEDERAL ST., ALLEGHENY. Send 2-cent stamp for our new system of fitting yourselves with glasses by mail.

BUY YOUR SPECTACLES AT The Reliable Optician. Eyes Examined Free,

J. DIAMOND, OPTICIAN,



SOLICITED. Consult Us First. GOLD SPECTACLES \$3 50. CARUSS & MANNION 67 FIFTH AVENUE



High Grades of Ladies' Fine Furs in Stock and Made to Order. Seal Sacques Renovated into the new Princess or Military Style. Redying of Seal Garments in English Seal Color a specialty.

# WILLIAM GRABOWSKY,

MANUFACTURING : FURRIER. 707 PENN AVE., PITTSBURG.

WE ARE PUSHING



Voltaic : Diamonds! Every stone is warranted. They defy experts. They do not fade, but have a lasting brilliancy. Not in the hands of other jewelers. They are covered by letters patent. Set in rings, pins, eardrops, studs, etc. BERNARD E. ARONS, Jeweler,

SOLE OWNER,

65 FIFTH AVE.



NEW ADVERTISEMENTS.

The Union Square, .\$2, \$2.40, \$2.90, \$3.40.

Judging by the great number of gentle-men who have lately purchased our latest square crowns, in preference to all others, convinces us that we did a wise thing in in-troducing this handsome hat. They go well with an overcoat and have in a measure be-come a standard shape for midwinter wear. We have just added the two new shades, Tobacco and Wood Brown, which have taken so well in all the other styles.

# RUBEN.

The Hatter and Furnisher, 421 and 423 SMITHFIELD STREET.

BISQUE OF BEEF

A Liquid Food for Dyspepsis. BISQUE OF BEEF. For Loss of Appetite and General Debility.

BISQUE OF BEEF Insures Health and Strength. BISQUE OF BEEF

Tones the entire system. At druggists, or send \$1 by mail and we will deliver to you (expressage paid by us) a bottle of "Bisque of Beef."

KING'S MEDICINE CO., - Pittsburg.



E, NECK, ARMS OR ANY PART OF THE PERSON QUICKLY DISSOLVED AND REMOVED WITH THE NEW SOLUTION

AND THE GROWTH FOREVER DESTROYED WITHOUT THE SLIGHTEST INJURY OF DISCOVERED BY ACCIDENT.

IN COMPOUNDING, an incomplete mixture was accidentally spilled on the back of the hand, and on washing afterward it was discovered that the hair was completely removed. We purchased the new discovery and named it MODENE. It is perfectly pure, free from all injurious substances, and so simple any one can use it. It acts mildly but surely, and you will be surprised and delighted with the results. Apply for a few minutes and the hair disappears as if by magic. It has no resemblance whatever to any other preparation ever used for a like purpose, and no scientific discovery ever attained such wonderful results. IT CANNOT FAIL. If the growth be light, one application will remove it permanently; the heavy growth such as the beard or hair on moles may require two or more applications before all the roots are destroyed, although all hair will be removed at each application, and without the slightest injury or unpleasant feeling when applied or ever afterward. —MORENE SUPPRICEDIES LEAVINGLESS.

——Recommended by all who have tested its meetis—Used by people of refinement.—Gentlemen who do not appreciate nature's gift of a beard, will find a priceless boon in Modene, which does away with shaving. It dissolves and destroys she life principle of the hair, thereby rendering its future growth an utter impossibility, and is guaranteed to be as harmless as water to the skin. Young persons who find an embarransing growth of hair coming, should use Modene to destroy its growth. Modene sent by mail, in safety mailing cases, postage paid, (securely sealed from observation) on receipted the seme ascach. Always MENTION YOUR COUNTY AND TREE APPRA.

of price, \$1.00 per bottle. Send money by letter, with your full address written plainly. Correspondence secredly private. Postage stamps received the same as cash. Alwars Mention four county and Therapea. LOCAL AND ... MODENE MANUFACTURING CO., CINCINNATI, O., U. S.A., CUTTHER OT GENERAL AGENTS MANUFACTURIES OF THE HIGHEST SHABE HARR PREPARATIONS. ABIT MAY NOT WANTED. You can register your letter at any Post-office and leaver its soft delivery. APPEAR AGAIN WOODS \$1,000 FOR FAILURE OR THE SLIGHTEST INJURY. EVERY BOTTLE GUABANTEED.

IT IS A SUCCESS!

THIS INTERESTS YOU. Some Things That Every Housekeeper Should Know.

We want to call the attention of housekeepers to some special bargains we offer this week in the line of Portieres. There's a chance to buy them here at a trifle over half their regular price if you come at once. Any person who scans the following figures will readily see how dollars may be saved:

## PORTIERES.

Fine new Chenille Portieres, 31/2 yards long, one lot \$4.50, regular price \$8. One lot \$4.85 that always sold at \$9. One lot \$6.90 that are really good value at \$10.50.

Our display of new Lace Curtains will bear the most critical inspection. The assortment is immense and embraces the very latest designs. Prices per pair are \$1, \$1.25, \$1.50, \$2, \$2.25, \$2.50, \$3, \$3.50, \$4, \$5, \$6 and upward. Come and see the collection-you'll purchase here if extraordinary values are appreciated.

# HOLIDAY HANDKERCHIEFS.



No, it isn't a bit too early to buy Handkerchiefs for Holiday Gifts-that is, if you want the cream of the market. You'll get them cheaper now than a month hence, too. The exhibit of Handkerchiefs here alone is worth coming a good way to see. The line comprises everything for Ladies, Gents and Children in plain, colored borders, hemstitched, embroidered and initial Handkerchiefs. Special attention is called to those fine initial hemstitched Handkerchiefs selling at \$1 and \$1.50 per box of six. Nothing more appropriate for a Christmas Gift.

Fine Embroidered Handkerchiefs, 25c, 50c, 75c, \$1, \$1.25, \$1.50 to \$3.50.

Fine Plain Hemstitched Handkerchiefs, 10c, 12c, 15c, 18c, 25c and 37c.

Gents' Pure Linen Hemstitched Handkerchiefs, 1234c to 75c—best for the money

Fine Silk Hemstitched and Embroidered Handkerchiefs, 25c to \$1.50. Fine Silk Initial Handkerchiefs, 25 to \$1.

# COLD WEATHER GLOVES.

Our assortment of Winter Gloves is complete, and besides the many varieties of Glace and Suede we show all kinds of Fur-Topped Gloves:

Ladies' Fur-Topped Kid Gloves, \$1, \$1.50 and \$1.75. Misses' Fur-Topped Kid Gloves, 50e, 75e and \$1. Boys' Fur-Topped Kid Gloves, 75e and \$1. Gents' Fur-Topped Kid Gloves, \$1, \$1.25, \$1.50 and \$2. Full lines of Cashmere Gloves and Mittens—all at extremely low

Before buying elsewhere see the remarkable bargains we offer in Jackets, Newmarkets and Capes.



510-518 MARKET STREET.

A MOST EXTRAORDINARY MONEY-SAVING OPPORTUNITY FOR THRIFTY AND ECONOMICAL PEOPLE.

# 30

too good in the clothing line for our patrons. For this reason we provide THE BEST-for those who want it. And the Best, as our prices will prove, is not always the most expensive. Thus, for

\$15 buys Men's first-class Melton, Kersey, Beaver or Cheviot Overcoats, single or double breasted, blue, black or brown-or Men's finest Sack or Cutaway Business Suits, in solid colors, new shades in brown, etc.

\$18 buys imported Kersey, Melton, Frieze, Fur Beaver or Cheviot Overcoats-or extra fine form-fitting professional Suits in dark colors, quiet mixtures, etc. All tailor-made and perfect-fitting. \$20 buys Men's Overcoats nacs, Carr's Rough-faced Meltons, Schnabel's Soft Fabrics, best Kerseys, etc.; also elegant Dress and Semi-Dress Suits in the latest fash-

ions, and equal to the best-custom

# BOYS' FINEST | MEN'S FINEST | MEN'S FINEST



everything in boys' clothing-the make is fully as important. We give you the best of both and save you money on top of it.

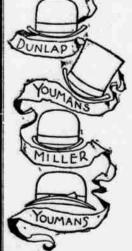
In the morning we will add to our already magnificent stock of boys' clothing, a liberal number of exclusive and handsome novelties in KILT SUITS, JERSEY SUITS, THREE-PIECE SHORT-PANT SUITS, KILT OVERCOATS, SCHOOL OVERCOATS, REEF-ERS, etc.

Lads, 6 to 14 years, who wear short pants, will find in this big and fine stock of ours the very latest in Brown, Tan and Grays.

We show an absolutely matchless variety of Single and Doublebreasted Suits and nobby Box Overcoats. Boys who are after something different — nicer and better than stores usually keep,
will find what they want in our big
stock, and at prices that'll suit, too.

worth \$2 and \$2.50, at

happy chance to get one of these
ties for Thanksgiving Day! Don't
miss it! Don't miss it!



The difference between buying a hat of us and buying of a fashionable hatter is that the f. h. charges you \$2 extra per Derby, or \$3 per silk hat for the privilege of wearing a hat bearing his name. The qualities of the hats are practically

S

# Our \$3 Dunlap, Youman Miller Shape Derbys,

(In black or new mahogany brown) are of the same identical quality as those sold by exclusive hatters at

OUR \$5 YOUMAN STYLE SILK HAT Is of the same quality as that sold by exclusive hatters at \$8.

# To-Morrow, Monday,

We will have another one of those rattling hat sales: 150 dozen fine Fall Derbys, in all new shapes, worth \$2 and \$2.50, at



EVER OFFERED IN PITTSBURG. One of the most prominent New

York manufacturers, whose scarfs are never retailed below \$1, has just closed out to us the balance of his fall and winter stock at a price low enough to enable us to sell his goods at the unparalleled low price of 5oc.

The assortment includes rich French Siik Puffs, Tecks, and Four-in-Hands; also, a goodly number of exquisite Evening Scarfs in finest Broche Silk Crepes; further, a full line of those popular red, cornflower blue and brown Scarfs, in shades to match suits or

overcoats.

None of these ties, remember, have ever been sold for less than \$1-many at \$1.25-and now you can take your pick from the entire collection at only 50c. What a

### French Calf Hand-Made

**MEN'S FINEST** 

# SHOES!

New York. WE HAVE THE SOLE AGENCY FOR THEM

IN PITTSBURG AND ALLEGHENY.

Manufactured by Hanan & Son,

Hanan's shoes! Who hasn't heard of them? They are the very acme and perfection of the shoemaker's skilk They're the best made and best fitting shoes in the world-and they're made of the finest French Calf only. And yet we offer them at

# ONLY \$5 PER PAIR.

We have them in Lace and Congress and different styles of toe, viz.: New York, London, medium, French, California, Natura, Saratoga; widths, A to E; sizes, 51/2 to 11. You'll have no trouble in being fitted correctly, as you can see.

# Hanan's Patent Leather Shoes THE BEST MADE! \$5.

Superior to any \$7 or \$8 patent leather goods shown elsewhere.

# LADIES' VERY FINE \$3.50 and \$4, FRENCH KID BUTTON

# MONDAY AND TUESDAY ONLY

Ladies who don't care to make the best use of their money, or who are indifferent to the best qualities in shoes, will not be interested in this-all others will.

This Special Two Days' Sale will be not quite 600 pairs Ladies' Fine French Kid Shoes, in common sense plain toe and the Phila-delphia toe, with pointed patent leather tips; all widths from A to E, and sizes 2½ to 7.

These superior and handsome shoes have the sensible and sightly extension soles, and are sewed by the Goodyear welt process, which means that there are no tacks or uneven threads, etc., in these shoes to hurt one's feet.

And they are well made on very stylish and beautifully shaped lasts, will fit the foot nicely and are well worth \$3 50 and \$4.



### Fur-Trimmed Jackets. 200 Diagonal Jackets, satin finished, real French Coney Fur full Shawl Collar and facing (as illustrated above), a bargain at

WILL GO AT \$6. Another lot. 150 French Diag-onal, Scotch Cheviot or Chevron Jackets, half lined with silk, collar and facing of fine Astrakhan, Marten, Opossum, Canadian Seal (see above cut), well worth \$15 and \$16,

WILL GO AT \$10.

Fresh Hats and Toques-fresh inducements and attractions for this week. Ladies who are interested in finding out just how beautiful a hat can be bought for very little money are especially invited to call and see our present display. Millinery Trimmings of every

kind. ·Fur Trimmings, all widths, at lowest prices.

Our entire beautiful

Owing to the lateness of the season we have concluded to close out the remainder of our stock of Ladies' Ready-Made Suits and Dresses for about half regular prices. This offer includes all our imported goods-many being marked down

specialties: \$5.50 \$10 & \$12 Dresses

to about the cost of import duty.

We point out the following three

They are excellent domestic materials, in plaids, stripes or plain colors, beautifully trimmed

Grand \$10.00 Worth Dresses \$10.00 \$18 & \$25

with silk or velvet.

These are made of elegant all-wool Cashmere and Cheviot Dresses, most tastefully designed, exquisitely trimmed and fitting as perfect as any dressmaker can make them.

French \$17.50 Worth Dresses \$17.50 \$30 to \$45

These are of our own importation and were designed by famous Parisian fashion originators. The materials are Bedford Cords, Diagonals, Henriettas, mixed Scotch Cheviots; rich silk or embroidery trimmings, etc.

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