THEIR RESU TS

t Product of Great Power-Ap Illumina ting Gas of Great Value From an Fron-

omic Point of View Passed Through Meated Tube t. Produces Benzol -T. I.

of Chemical Industry that a powerful

fluminating gas could be manufactured by a newly-discovered method at a

reduction of nearly one-third of the present cost of gas. Should the discovery prove as practical as claimed it will recolutionize the manufacture of gas. actories are being erected, and it is expected that gas made by the new process will be on sale in the near

The new Illuminant is called acety-

lsts for years, but the difficulty of its manufacture prevented them from

utilizing it. It is the lowest gas in the series of hydrocarbons, and is usually

manufactured by passing a stream of hydrogen through a globe which the

electric air is produced between two carbon points. But by this method the

gas is made in minute quantities only and serves merely for experimenta purposes in the labratory and lecture

an electric furnace, endeavoring !

form an alloy of calcium from some of its compounds, when he noticed that I mixture of powdered time and an-

hracite, under the influence of the electrical current, fused down to a heavy semi-metallic mass. This sub-

stance was found not to be the one

sought, and it was thrown into a buck-

The strange results which followed its contact with the water immediately at-

tracted Mr. Wilson's attention. A gas

was given of whose chief characteristics seemed to be its penetrating and

disagreeable odor. On applying a light Mr. Wilson found that the gas burned freely, with a smoky but luminous

Here Mr. Wilson became interested

and imediately began his investiga-

parts by weight of carbon. At this

point, Professor Venable, of the Uni-

pass into the various pipes.

gas its superiority is wonderful, the latter apearing dim and dickering. There is no dark centre to the flame,

as is the case with the ordinary gas.

The iluminant is somewhat peculiar,

heating power of the ordinary gas. It

is also impossible to use it in the or-

dinary burners, for they are too large

but this apparent fault has been easily

overcome by constructing burner, which admit a smaller amount of gas.

It has been proposed by promoters of

the enterprise to do away with gas pip-ling through the streets, for they say that lamps can be made containing the

necessary chemicals by which the gas

to the car-lighting problem, to which

the elevated and surface railroad au-

market that if the substance is sold for

\$50 a ton the gas can be furnished at

course, this would not represent the

not as yet been decided, but the cost

Professor Elliott, the chemist of the

Consolidated Gas Company, ar la wal.

known authority on gas, a, s:-" The

su ject of this calcium carbide would

be of the greatest interest to gas manu-

The gas cannot only be obtained in

the gaseous and liquified states, oi. a

so as a solid. The latter is most

face of liquid mercury it had the cf'

of freezing that element to a solid a

and the thermometer placed in its not registered a fall of 118 degrees below

A Brave soldier.

Amy-Was Colonel Snorter in many

Mrs. Placid—1 understand he has been the defendant in three brench of

An Ancient Piece of Wrought Iron.

piece of wrought ironwork in existence than the large iron column at Delhi,

16 inch s in diameter at the base, tapering to 12 inches at the top, with an en-

larged capital with ornamental fluting

spect and wonder as to the means employed by the early artizans who effected it.

Todd-Well, wait till to-morrow, when she has seen what my wife bought,

There is perhaps no more ancient

teresting, for when cast upon the

the ordinary illuminating sas.

of common coal gas.'

facturers."

promise suits.

et of water.

WI son's Astonts ing Discovery.

WE BEG

To call attention to a new make of Corset called

"Pronounced Keba"

Which is highly recommended, and to introduce we will sell at

- - \$1.00

Excellent Value at \$1.50.

Wm. Cowling & Co



No More Misery. ITCHING PILES is an exceedingly painful and annoying affliction, found alike in the rich and poor, male and female. The principal symptoms are a severe itching, which is worst at night when the sufferer becomes warm in bed. So terrible is the itching that frequently it is impossible to procure sleep. Often the sufferer unconsciously during sleep scratches the parts until they are sore-ulcers and tumor form, excessive moisture is exu cd. Females are peculiarly affected from this disease, causing unbearable irritation and trouble. These and every other symptom of Itching Piles or irritation in any part of the body are immediately a layed and quickly cured by Chase's Ointment. It will instantly stop itching, heal the sores and ulcers, dry up the moisture.



Relief.

than Itching Piles, yet its effects and symptoms are exactly the same. The same intolerable itching; the same creeping, crawling, stinging sensation characterizes both diseases, Chase's Ointment acts like magic. It will at once efford relief from this torment. Gives REFERENCES. Instant

The celebrated Dr. Chase's Ointment cod in curing all Itohy Skin Diseases, sure the For sale by all druggists for the control of the control Mall address - KDMANSON, BATTIS & CO., Toronto, Ont., Sois Agents for Dominion of Osca-

Covenant Mutual Life Insurance Co.

Of Galesburg, Illinois.

CASH ASSETS . . . \$1,300,000. SURPLUS . . . \$1 000 000

\$53 000 deposited with the Dominion Government, as

ALL KINDSFOF POLICIES issued by this Company and prompt payment of death claims Not a dollar due and unpaid

GOOD TERMS TO AGENTS. No experience needed. gents wanted in every county in my district

F. A. JOHNSON = = DISTRICT MANAGER.

District Office, NCTON, N. B. P. O. Box, 174.

P. S. I am also manager for the best Accident Company in the

Assessors Notice.

For the Parish of Moncton in and out of

The undersigned assessors for the Parish of Moncton having received a warrant for the assessment of the sum of nine thousand nine hundred and seven dollars and eighty-two cents (\$9907.82) for various purposes in the Parish of Moncton within out of the City hereby give notice of the same and request all persons liable to be rated to hand into either of us a true stalement of their property real, and personal, together with income, hable to be assessed WITHIN THIRTY DAYS.

All Secretaries of School Boards are hereby required to furnish within the time named, a correct list of all persons liabe to be rated in their respective districts with the property and income of each in manner and form as the law directs. A list containing the names and rating

for inspection of all persons liable to be assessed will be posted in the Market Building in the City of when completed. Moncton, March 4th, 1895.

R. A. CHAPMAN, FERDINAND M. LEBLANC, Assessors. HARVEY WILSON,

OPENED AT E. FORBES NEW TRIMMING LACES, WEW ART SATEFAS, ART DENIM for Cusions Bags, & ART EMBROIDERY SILKS

To open, a fine assortment of CHINAWARE, in sets and odd

E. Forbes,

those concerned to the following Section of the Rules and Regulation of the Government Railways of Canada.

It is necessary to draw the attention of

55.—Coachmen, hackmen, carters, porters and runners for railroads. boats, stage lines and hotels, will not be allowed to solicit custom of passengers upon any of the trains,—nor will they be allowed to enter the stations, nor come upon the platforms on the arrival of passenger trains to solicit or influence passengers; but they shall stand in such places as directed by Station Master, Agent or Policemen. Cattle dealers, butchers and market men, will not be allowed in the cars, station or freight houses, or upon the platforms, on the arrival of the trains, for the purpose of trading; nor will hucksters, OR VENDORS OF NEWSPAPERS, books, fruit, flowers, confectionery, and other such articles, be allowed in he cars, or upon the train, nor to enter the stations, or come upon the platform for the purpose of disposing of the same, except by permission of the Station Master or Conductor under the authority of the Superintendent.

Disorderly conduct, unnecessary shouting, profane or obscene language to the annoyance of passengers will prohibit any vendor of newspapers from coming on Moncton Station platform for the purpose of disposing of the same. Aprodoi.

COAL and WOOD

The undersigned has the agency for the River Hebert Coal. All coal weighed

PRICE \$4.40 PER TON.

Delivered to any part of the city. Also WOOD of all kinds: Cut Stove Wood Cordwood, hard and soft

Apply at 74 Lock Factory, or at residence Cam-EDWIN HAGERTY, Moncton, N. B.

APleasant Prospect. Nodd-My wife went shopping to day and didn't spend a cent.

THE NEW ILLUMINANT. NECESSARY XPERIMENTS WITH ACETYLINE AND PUBLICITY.

The astonishing announcement was L'VALUE OF GOOD ADVERTISING.

> The Newspaper the Only Natural Medium of Bus= iness=Bringing

Advertising is business. If it wasn't business, it wouldn't

It remained for T. L. Wilson to discover a means by which the gas could be produced in sufficient quantities for be a part of business.

The man who cannot utilize advertising in his business has no busipractical purposes. Mr. Wilson discovered the method by mere accident. He was working in his labratory with ness to be in business, and general-

When six hundred thousand

successful business men have advertised, do advertise, and intend to advertise, we will not talk to the man who dosen't believe in advertising, and who is stagnating in his own folly, attempting to believe that he is the exception which proves the rule. Supposing he is, what man of sense dares follow the rule of exception, when immutable laws of success demands necessary publicity? Make up statistics for yourself. How many successful men in your town or city do business without advertising? Will you be with the successful majority, or fn the risky minority?

cions. He repeated the experiment, and found that the substance he had cast Does advertising pay? into the bucket was a substance called Read the answer in the success or Calcic carbide, containing forty parts by weight of calcium and twenty-four the six hundred thousand business men who know that advertising

versity of North Carolina, took up the There is annually expended in matter, and it was there that the experiments looking to the utilization of America one hundred and fifty milacetylene as an illuminant were first lion dollars in advertising of all carried out. Experiments soon proved classes, the bulk of this money gothat a pound of this calcide carbide ing into regular periodicals, and would yield 5.3 cubic feet of acetylene gas, which immediately gave it com-mercial value, and a company was daily and weekly newspapers. The proven value of advertising in formed to manufacture the gas on 9 magazines and other national publications, has no place in this city, From an economic point of view, this gas is of great value, for it has been for local business men, who obtain found that it can be generated in a the bulk of their business from the house as it is needed by a very simple city in which they do business, and apparatus. This would undoubtedly from within a radius of not exceedbe a boon to families living in the ing one hundred miles, the great Perhaps the most remarkable quality proportion coming from not exceedof the gas is the fact that it can be

ing ten miles. liquified by pressure, and put in cans Business has suffered from busin that can be tapped when the gas is ness depression, but no business deneeded. A very simple device has been arranged by which the pressure of the pression ever exceeded beyond its as will be regulated while changing idemic limit, and every depresfrom its liquified condition, and then sion has been followed by better times, all the more brisk from their Acetylene is a most powerful illumirant. It is dazzling in its bringhtness and steadfastness of its flame, and when compared with the ordinary coal contrast with preceeding months.

The most successful business men prove, by liberal expenditure, that there never have been times so dull that extra advertising did not pay. The foolish business man cuts his publicity appropriation viewing it from a popular point of flew, in that it gives only one-half the when business appears to be poor, and allows the neighbor in business to cut into his old customers, and keep new ones away from him

One has only to judge folks by himself to be convinced that few people buy anything, beyond perishable necessities, without due consideration. A woman seldom buys a hat, a cloak, or any other article can be generated and consumed on the spot. This method may be a solution for her own use, or for the children, except when the matter has been thoroughly reflected upon, and the market investigated.

thorities have devoted considerable attention of late. The cost of the gas is dependent upon the cost of the car-While men are quicker buyers, bide. It is said by the compary which is about to place the carbide on the most of them think before they buy, and as the majority of men, so far as buying is concerned, are under the direct domination of wife, moth-50 cents per 1,000 feet, which will give light equal in amount to that given by er, sister, or some other woman' we cannot be far out of the way in saying hat most goods are purchasactual cost of the acetylene, which has ed with two or three weeks considis sure to be only a small proportion o'

the cost of the ordinary gas. It has been found that when the gas is passed through a tube heated to redness tha: If the times have been hard, or are hard, they will buy almost as much, but they will buy necessities benzel, the substance which is the foun dation of the anilire colors, is produced. Even this feature alone would and fewer fancy luxuries, when it times are particularly good, they serve to make the discovery one st will buy foolish luxuries instead of Mr. Adam, of the Boston Gas Company, of Boston, says:—"The question so many necessities. The times regulate the class of their buying. of the greatest importance to gas manufacturers is as to whether accty-Ninety per cent. of the people don't know what to buy. lene can be used to increase the power

The majority of people are like sheep. They can be led by real or presumed argument. Many a woman who intends to give a poor relative an oil stove can be made to buy a first class cooking range. Many a father thinking of presentng his son with a bicycle or sled, can be made, with proper advertisements, to purchase a good bicycle or sled, which is cheaper in the end, and more satisfactory all around.

If the times be particularly dull in town, it is partly your fault. You can make them lively If the ac vertisers in the city are slow liberal, the best opportunity is fered the enterprising merch at to take business away from them. Where all the merchants are progressive, then advertising is all the more progressive, then libera advertising is all the more necessary.

The advertisement should not present more than one point at a time irless the articles be devided and is estimated to weigh about 17 tons. With our modern appliances and most powerful machinery its construction would be considered no mean task, by advertising rules or other distinct divisions, which make the advertisement not a conglomeration of advertisements, but a direc and its manufacture and erection at a date estimated at 900 years before the Christian era is calculated to inspire retory of distinct attractions, seperately presented.

It is remarkable now attractive can apparently unastractive article appears, if well dusica in the store, and well advertised in the news pur-

FISHING TAGKLE.

THE PRE-EMINENT Rods and Flies of the very latest production.

> Lines, Reels, Baits, Baskets, Landing Nets, Etc.

All Sporting Goods and Fishing Tackle will be sold at a very small advance on cost to make room for other goods.

Just Received a Full Stock of

BICYGLE PARTS!

Can supply any piece that goes into a Bicycle.

Wheels straightened and repaired as good as new.

C. ELLIOTT,

42, Main St.,

Moncton, N. B.

The laws of the Medes and Persians were unalterable, but science asserts its nobility and is ever making itself more resplendent with new discoveries. Nature's great law is that of progress. From the days of Adam, with his primitive suit of fig leaves; to the present hour, the noble

TAILORING

Has been conspicuous for its splendid achievements. Gentlemen, I am cosmopolitan in my predilictions. I am prepared to make garments suited for the balmy days of summer, and also such as are fitted for the hyperborean blasts of winter. I am also in a position to make suits that will, in point of fit, show the beautiful outlines of the human body almost as well as the statute as it comes from the sculptor's chisel. Gentlemen call at my establishment in Moncton as my fits are war-

ranted, and my workmanship open to the keenest inspection. I have now on hand a full line English, Scotch and Canadian Tweeds, Worsted Coating, Overcoating and Farcy Trousering. Now is the time

for you to call and leave your order for a summer suit or over coat.

A. Y. CLARKE,

MERCHANT TAILOR

184 Main Street, Moncton, N. B.

CHASE'S CHAPTER 1. Dr. Chase's Kidney-Liver Pills are a

combination of valuable medicines in concentrated form as prepared by the eminent Physician and Author, Dr. A. W. Chase, with a view to not only be an unfailing remedy for Kidney and Liver troubles, but also tone the Stomach and purify the Blood, at a cost that is within the reach of all. The superior merit of these pills is established beyond question

by the praise of thousands who use them-on Pill a dose, one box 25 cents. 2. When there is a Pain or Ache in the Back the Kidneys are speaking of trouble that will ever increase unless relieved. We have the re-

liable statement of L. B.

Johnson, Holland Landing, who says: I had a constant Back-Ache, my back felt cold all the time, appetite poor, stomac sour and belching, urine scalding, had to ge up 3 or 4 times during night to urinate, com-menced taking one Kidney-Liver Pill a day;

Back-Ache stopped in 48 hours, appetite returned, and able to enjoy a good meal and a stopped in the cured me. good nights sleep; they cured me.
3. Constipation often exists with Kidner
Trouble, in such a case there is no medicin that will effect a permanent cure except Chase's combined Ridney-Liver Pill, one 25 cent box will do more good than dollars and dollars on vince people, who are not regular to the store, and well advertised in the news p upon the preparation, this is endorsed by D. Thompson, Holland Landing, Out.



WOMAN'S NEED

Women suffer unspeakable tortures from women suffer unspeakable tortures from muscular weakness, caused by impaired nerves and poor blood. Uric Kidney acid poison, unsuspected, weakens the nerves and poisons the blood. By and by, if the Kidneys do not properly purify the blood, then comes proplapsus, retroversion, etc. Blood 75 per cent, pure is not a nourisher—it is a death breeder. Delicate women need not be told how much they would give to get and STAY well. It their blood is free from the poisonous ferments of the Kidneys and Liver, they will never know what "weakness" is. The blood is the source and sustainer of health

t cannot be kept pure except the Kidneys and Liver do heir work naturally. Something is needed to insure free

organs, one 25 cent box of Kidney-Liver Pills will prove to any sufferer they are a boon to women, can be used with perfect confidence by those of delicate constitution.

One Kidney-Liver Pill taken weekly will effectually neutralize the formation of Usic

Acid in the blood and prevent any to Bright's Disease or Diabetes.

For purifying the Blood and renovating the system, especially in the Spring, one 25 cent box is equal to \$10 worth of any Sarsaparilla or Bitters known, Sold by all dealers, or by mail on receipt of price, EDMANSON, BATES & CO., 45 Lombard Street, Toronto.