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Manchester,

& Allison,

St. John, N. B.

AGENTS FOR THE

IN THE

Maritime

## ST. JOHN, N. B., SATURDAY, NOVEMBER 16, 1895.

he Advent of a New Company Brings the Old Stock Down-Story of a Lawyer who Paid the Wrong Bill-The Wanderers Have an Impartial Referce.

Have an Impartial Referee. HALIFAX, Nov. 14.— These are troub-lous times for the Halifax Gas Light com-to heart, profited by them, and now are the champions. Another thing of which the Wanderers

HALIFAX, Nov. 1-lous times for the Halifax Gas Light com-pany. For forty years the company has had a monopoly of the gas lighting of this city. They could charge what price they pleased, and exact what conditions from customers they chose. The stock of the had a monopoly of the gas lighting of this city. They could charge what price they customers they chose. The stock of the had a monopoly of the gas lighting of which the Wanderors referee so capable, so impartial, and who inspired such general confidence as W. G. Robertson. The defeated team are just as loud in Mr. Robertson's praises as are the interest in fact they are even warmer in pressed, and the stock of the company was second to none in value and profitablenes. While other cities were getting gas at figures between \$1 and \$2 profitablenes. While other cities were getting gas at figures between \$1 and \$2 profitablenes. While other cities were getting gas at figures between \$1 and \$2 profitablenes. It was some hostile criticism along the ropes, uttered by Wand-erers, that caused Mr. Robertson to write unlimited supplies of coal at our doors. this did seem remarkable. The gas com pany's reign has now come to an end it seems. A few years ago the stock, which has a per value of \$100, sold at \$120 or more. During the past couple of months it has came down by steady steps but today it will not bring more than \$65. It has fallen from \$80 to \$65 within three pion team, and a perfect referee. weeks or so. A well known city news-prob owner, who is largely interested in THOUGHT OF SOMETHING. A Mountain Girl's Bright Ides That Saved the Lives of Passengers.

t (as company, is reported to have lost \$5000 on gas stock recently, and another deal he made was to buy a large block at \$80 only today to find the price \$15 per share less. The reason for this wholesale stump is the advent of a new company which shows signs of considerable energy. The

shows signs of considerable energy. The impression prevails that it is composed of pretty much the same people who are at the back of the electric transvay company. A \$200,000 contract has been given for laying the pipe, and already ten miles of wire have been purchased from the Lon-track that would be treating us very kindly donderry works and a considerable sect. if it didn't sling us into eternity if we dared donderry works and a considerable sect-ion of trench has been excavated and the pipe laid. Making gas is said to be only one part the new company's miseries. They will utilize and sell all the products of the coal as well as the gas. The old company has not much sympathy now that its troublous days have appeared. Every dog has its day and they had a good long one. if it didn't sling us into eternity if we dared to add five males an hour to our speed, when I happened to look out of the rear door and saw a wild train of loaded coal cars swinging down after us. They had widenly started at a tipple which we had passed only a few minutes before, and when I saw them they were going so fast that they distanced the men on the ground, who made a run to get on and stop their further

An amusing story is being told of a very well-known lawyer in this city who paid a \$25 debt that he had no ices of liquidating for some time to come. The legal light in wegetion has troggently horrowy d sume of An amusing story is being told of a very and the the to come. In the legan ight in question has irequently borrowed sums of our leading business men. Mr. Redden invariably received his money back sharp on time. On this occasion the lawyer boron time. On this occasion the lawyer bor-rowed \$25 for one week. The week had expired and one or two days more, when Mr. Redden met the legal light, this was scared out of his wits. I know I was, and

I know where to put my hand npon it. Mr. Redden-All right, bring it along.

Mr. Redden took it with some trepidi tion, but the bland smile that overspread the good-natured alderman's features can

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# THEY REIGN NO LONGER. [ful and persevering training; their pains-taking selection of material; the time spent in coaching and practice; their good man-monopoly BNDED. agement, produced the victory the red and black are now enjoying. It shows of what fine stuff the wanderers are made, that they

"Speaking of experiences on the rail-road," said a New York travelling man,

YORG," shid a New York travening man, "I had a slight scrape one time on a moun-tain road in Tennesses that may be worth the hearing. "We were coming down a long grade

ductor, but before I reached him he had

## TESTING THE DIAMOND. EXPERTS BASILY DISTINGUISH GOOD FROM BAD.

ome of the Ways in which the Real Gem will Prove Its 1f-Diamonds Are Used for Much More than Ornament-Their Wide Employment in Many Arts, learned the lessons taught by defeats two years in succession. They took the lessons to heart, profited by them, and now are

Nothing in nature is oftener looked for and more easily found than the diamond, and many supposed fin s prove disappoint-ments says Geo. F. Kung in the N. Y. Sun. The fine diamond should be clear and pure as rock water, pertect in shap;, and not only pure whi e, but live y, show-ing fire, as it is termed. Any undecided tint of brown, yellow, grey, or other color is a positive blemish. The simplest test to identify the diamond is to hold the stone firmly against a wet, rapidly revolving grindstone for from five to ten minutes. If the least mark appears upon the piece it is not a diamond, for if it were a diamond. so far from any mark being produced on it, it would be likely, on the other hand, to make a deep impression in the grind-stone. The same test may be made with emery paper, or an emery wheel, neither of which, although harder than a grindstone, will make any impression upon a

We often hear it said that a number of different stones w ll cut glass. The truth is, that only the natural edge of a diamond

rest only the natural edge of a than one crystal will cut glass, while many stones, such as the sapphire, ruby, quartz, and even common pasts, will scratch it. Some diamonds exhibit an abnormal degree of hardness, sepecially some very beautiful black ones from Borneo, which cannot be ground or polished by anything but their are dust transatts having no but their own dust, frequently, having no effect upon them at all. One of these was made the subject of special experiment by Babinet of Paris, in behalf of the French Academy of sciences. It showed great re-sistance to the polishing wheel, and the process of preparing it took a very long

A similar experiment was made in this country in 1885 and 1886 by myself at Messrs. Tiffiny & Co's, Now York. The stone here was a round piece of Brazilian bort, with a radiated internal structure. made a run to get on and stop their further flight. I made a wild rush for the con-It was kept on a polishing wheel and a of hard iron with a diameter of one foot for seven and one-half hours a day for nine months, the wheel turning at the rate of 2,500 to 3 000 revolutions per minute, and givng three feet of travelling surface to the stone. The total distance travereed was 170,000 miles, or about seven times the circumference of the globe, but the result continue of the global of the global of the result was the polishing of only about one square continueter of surface. With an ordinary diamond fully a hundred times as much would have been accomplished.

Diamonds vary widely in hue; the purest Mr. Redden—"When are you going to let me have that \$25. old fellow? I'll be are pertectly colorless and transparent, but they are found in almost every color of spectrum, the commonest being white, yellow, or brown, bottle green, and rarely to let me have that \$20. On retrow r 1 it be glad to get it when convenient. Legal light—Why I sent the money to your office two days ago and got a receipt. Mr. Kedden—Oh no, you didn't. I have not yet received a cent of it. Legal light—Hold on a minute, and l'll go down to my flive and get the receipt. I have mot a my flive and get the receipt. I have not yet received a cent of it. "There was one, but she was a homely nountain girl, who didn't seem to know

augles. Perfectly colorless diamonds come from Mr. Redden-All right, bring it along. Five minutes later the lawyer came back with a piece of paper held triumphantly up. "Here it is," he said. Mr. Redden took it with some trepidi tion, but the bland smile that overspread the good-natured alderman's features cam

<text><text><text><text><text><text> both flawless and weighing ten carats each, one may be worth \$6000, and the other \$12,000. Exceptional stones olten bring special prices, whereas off-colored or im-perfect stones sell at from \$30 to \$75 a. Carat, regardless of their size. As the diamond is a cold substance, a mist is formed by breathing on it, and the mist being white, en ables us to detect any color in the stone: or if the stone is unset, it may be placed on a sheet of white paper and breathed oo, and while the mater desaring away the faintest trace of color, and even flaws and imperfections, if visible it c, the maked eye, will become appart d. The Wanderers made one goal against the college, and that gives them the prond title Wife-Well, Doctor, how is it with my enjoy-a title that for two years pre-sly Dalbousie h.ld, with good scores husband ? Doctor-Fair, to middling, so as to speak; he wants rest above all things. I have written out a prescription for an opiste. Wite-And when must I give him the a there ereds. There is not the elightest doubt that the set feam won this year. The Wanderers disputably have the best fifteen and they asserved to win as they did. Their care-Doctor-Him? The opiate is for you,



If the stone is set and we fold a sheet of as black diamond, bort, bortz, carbon, cr forth. paper and look down on the side of the stone, we can trace any color that exists

mining, and well-boring in the course of a

ing, say from one to eight inches in diam-eter, on the extreme end of which are

within, for the same reason that a piece of within, for the same reason that a piece of plate glass when looked through appears deep green on the ends. A small pile or paper of diamonds will show color, whereas a single stone may appear white to the un-practical eye; as likewise a sheet of plate there are rounded masses, with a greasy lastre, and an imperfect radiated crystalline structure within, apparently made of a twining of many cubic crystals, white, gray to black, and translucent. These are called round bort, and are found to income form the same form glass one-fourth ot an inch thick and one toet long is seen to be green, though a piece one inch square appears white, the cclor in both cases being condensed in the province of Bahia, Brazil. Round bort has varied from \$3 to \$20 carat withquantity. in the past fitteen years.

For this reason off-colored diamonds are requently cut with a very low. flst crown (the part of the stone above the centre). This disguises the color. though at a less of brilliancy.

In many diamonds the interior of the crystal, the core as it is called, is not clear, crystal, the core as it is called, is not clear, but shows greenish or blackish spots, parti-oularly in the green stones. Many have also "feathers" and fissures, which impair the passage of light. By means of chemical agents and a high semnerature Barbot claims to have suctemperature Barbot claims to have suc-ceeded in removing the coloring matter from rough diamonds; green, red and yel-Its great hardr low stones becoming perfectly colorless. while the dark yellow, brown, and black mechanical arts. Tae poor, flawed, and

while the dark yellow, brown, and black gave up very little of their color. This seems scarcely possible, though M. Barbot, on the title page of one of his works, styles himself, "Inventor of a process to decolor-ize a rough diamond." De Boot made the a rough diamond." Do Boot made the same claim in 1608, and in 1880 the Engbonado, are extensively employed in larger operations. What is called the diamond ish Government granted a patent for the drill, invented by Lesshot in 1860, has re-volutionized the methods of tunnelling,

De Boot says that his imperial patron, Rudolph II., possessed a secret which ena-tled him to clear any diamond of flaws and color. No such process is now known, and a fortune would await its discoverer. It is claimed that some yellow diamonds turn pink upon heating, like topszes, but, unlike them, resume their former color after a time

The diamond is one of the gems most readily identified by the eye, and it is next to impossible to deceive an experienced dealer. Let one of several imitations, or even such precious stones as white topaz. even such precious stones as while topaz, sapphire, beryl, phenacite, &o., be put among a lot of thousands of diamonds. While a dealer is counting he can at a glance detect the false ones, and throw

Robertson Crépon

Manufacturers

various sizes and used for drawing fine gold, silver, brass and 1ron wire; a single slab will draw miles of wire. These are now successfully made by D. D Palmer of Waltham, Mass. Thin "slabs" are drilled All these are valuable for their cutting by charging a fine iron point with diamond dust, which friquently requires weeks of power, and command good prices, though the African or Cape bort, as it is called,

The name "diamend dust" is applied to the material that falls from two diamonds tougher than crystalline diamonds, and are when rubbed together in the cutting process, or to bort itself when it is crushed, to be used on soft iron wheels tor slicing and engraving precious stones, glass, metal, and other substances.

A very curious and interesting fact is the occurrence of diamonds, or, at least, of diamond carbon, in meteoric stones and Its great hardness gives the diamond, in all its forms, a high importance in the irons-those visitors to our earth from interplanctary space. Diamond was first discovered in a meteorite at Nova Ureii, Russia, some ten years ago, and in 1891 its presence was recognized in the mete-orite found at Canon Diablo, Arizona. It was detected by Dr. A E. Foote, describ by Profs Koenig and Huntington, analyzed by Friedel, and, finally, its hardness tested by Dr. Huntington and myself, As a conlusive test we subsequently polished two diamonds with the powder taken from the meteorite in the Tiffany cutting exhibit at the World's Columbian Exposition in Septew years. The general idea of it is a steel tube of the size desired tor the bortember, 1893.

Opening an Umbrella with One Hand.

is eter, on the extreme end of which are t, fastened a number of small pieces of bort. T By means of suitable muchinery this tube is then rotated, pressing against the rock, t to be penetrated The result is that the t tube rapidly cuts its way into the rock, making a smooth, circular hole; while a rod or core of the rock passes up inside of the advancing tube, and is removed piece by piece as it rises. These cores are often of great value, as exactly showing the kind and thickness of rock traversed in any

Provinces. Then there are rounded masses, with a

The name "diamond points" or mond sparks" is given to small natural dia-monds used for glass cutting; "diamond splints" (commonly called "writing dia-monds") are small cleavings of diamonds

put into a metal handle and used for writing on glass and other hard substances "Slabs" are thin cleavage plates of dia-mond that are drilled with minute holes of

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makes the old new.

UNGAR'S LAUNDRY and DYE WORKS.

Sh. John W. H.