LIVE NEWS OF THE INDUSTRIAL WORLD

USES TO WHICH ELECTRICITY IS PUT.

Many Marvelous Things Are Now Brought About by Employing This Wonderful Force—The Board for Today—New Rolling Stock That Is Being Received by the Central Railroad of New Jersey—Operating Engines by Means of Waste Gases. Other Matters of Interest.

Fond as we are of calling this the age of electricity, we seldom think of all that it has really done for us, being for the most part too busy in accomplishing new wonders to have time to linger over the old. For this reason such a book as "Flame, Electricity and the Camera," by George Iles, has more than ordinary value, since it tells in popular form the story of the accomplishments of the century now near its close. He begins his book by dwelling on the deeds which were done in times past by fire or flame. From the first man to whom the art of building him a fire became an accomplished fact to the man who found a use for the steam which so many generations of men had wasted, the tale of civilization is practically the tale of flame.

Nor, as Mr. Iles points out, is the manner of the narrative changed so greatly by the introduction of electricity. The chief use of this subtile force is still the production of heat, the manifestation of flame in a more commodious and practicable form. But first he takes a few pages to point out what is done by the absence of heat or cold. A short generation ago the teachers of chemistry were teaching that all matter could be made to assume the forms known as solid, liquid and gaseous. Many of the gases remained gases in spite of every effort to liquefy or solidify them. Today not one remains unconquered. Even carbon has been liquefied, though in minute quantities, to complete the chain and prove the older rule.

This cold, if analyzed, is still found to be the result of high pressure, and this, again, to be the result of heat; so that the various icemaking machines which make cold storage—with its real service to mankind, as well as its doubtful gift of month-old eggs really, after all, due to that form of heat which makes the steam engine possible. It is the steam engine, too, which remains the chief source of electricity, though the gas engine, with its greater economy, is becoming a successful competitor, like the other, being moved by heat. The machine for freezing air is the most wonderful of all the manifestations of cold, and the most curious discoveries are those which have disclosed the existence of three unknown constituents in the atmosphere, to which the names of argon, neon and xenon have been given.

It is, however, when heat is applied to the parts in the form of electricity that the most novel results are obtained. The ancient way of thawing a water pipe by the application of crude flame has been superseded by an electrical apparatus which heats the lead or iron to precisely the right temperature without the possibility of failure. So the miner and the warrior found that the lectrical heating of a wire afforded a means of setting off a fuse which was at once the safest and most trustworthy of all methods. By passing a current of suitable power through two pieces of iron their welding is made possible in the strongest and simplest manner.

New Cars for Jersey Central.

The Central Railroad of New Jersey is daily receiving its big hog engines from the Brooks Locomotive works at Dunkirk, N. Y. For almost the last three weeks engines have been coming in daily, on the order for fifty of them, and now about thirty have been received. Yesterday two arrived, Nos. 464 and 465.

The Central has also been investing in a number of other conveyances and forty gondolas and forty coal cars were recently turned out for the line, which were sent to Ashley, from where they will be distributed to the various mines and yards.

Operated by Waste Gases.

According to the paper read before the Iron and Steel Institute in London recently by M. Adolph Greiner, careful tests of the large blowing engine at Seraing, which is operated by waste gases from the blast furnaces, showed that no less than 30 per cent. of the theoretical heat efficiency was converted into work in the engine. This is an extraordinary result, when we remember that in a perfect steam engine, according to Professor Hubert, we can only attain an efficiency of 12 per cent., while in the ordinary blowing engine the result is often as low as 6 per cent.

The Seraing engine in several test runs developed an average of 575 horse-power, and has shown as much as 725 indicated horse-power when run at high speed. This is not the limit of size, however, for drawings have been made and work is now in progress for an engine for a German blast furnace plant, which is expected to develop at least 1,200 horse-power.

D., L. & W. Board for Today.

The make-up of the Delaware, Lackawanna and Western board for today is as follows:

Friday, July 6.

WILD CATS, SOUTH.

10.30 p. m.—C. Rafferty.

Saturday, July 7.

WILD CATS, SOUTH.

1 a. m.—Ketcham.
3 a. m.—F. D. Secor.
6 a. m.—J. Gerrity.
8 a. m.—R. Bennett.
10 a .m.—F. Hallett.
1 p. m.—J. W. Devine.
3.30 p. m.—Fellows.

SUMMITS.

8 a. m., north—Frourfelker.
11 a. m., north—Nichols.
6 p. m., north—McLane.

PULLER.

10 a. m.—Mosier.

PUSHERS.

11 a. m.—Moran.
7 p. m.—Murphy.
9 p. m.—C. Cawley.

PASSENGER ENGINE.

6.30 p. m.—Magovern.

WILD CATS, NORTH.

5 a. m.—Bush.
8 a. m.—Swarts.
10 a. m.—C. Kingsley.
1 p. m.—John Gahagan.
3 p. m.—J. E. Masters.
4 p. m.—A. G. Hommit.
5 p. m.—T. Fitzpatrick.
6 p. m.—T. Deadican.

This and That.

Thirty new vestibule coaches were recently purchased by the Central Railroad of New Jersey for the splendid Royal Blue Line, running between New York, Philadelphia and Washington. A number of new parlor cars have also been received.

The Iron and Steel Institute of Great Britain has before this shown itself free from national prejudices and ready, not only to learn from foreigners, but to recognize the value of their services. It has recently given new evidence of this disposition by awarding the Bessemer medal, the highest honor of the institute, for the present year to M. Henri de Wendel, who is president of the Comite des Forges de France. The special services which are thus gracefully recognized are M. de Wendel's careful and extensive researches into the best methods of utilizing iron ores high in phosphorus.

German Teachers' Association.

Philadelphia, July 6.—The thirtieth annual convention of the National German Teachers' association was addressed by Professor A. W. Spanhoofd, of Washington, D. C., who read a paper on "The First Steps of German Instruction in the High School." Professor Joseph Krug, of Cleveland, read a paper on "Intellectual Training for Teachers. Professor H. M. Ferren, of Allegheny, Pa., also made an address.

Governor's Appointments.

Harrisburg, July 6.—Dr. Charles T. George, of this city, was today re-appointed by Governor Stone a member of the state pharmaceutical examining board.

UNCLAIMED BODIES MUST BE SENT ON

STATE ANATOMICAL BOARD ENTERS A PROTEST.

It Sent a Communication Which Was Read at Yesterday's Meeting of the Poor Board in Which It Recites the Law and Calls Attention to the Fact That It Is Being Violated by the Poor Directors—Board Decides to Obey the Law.

A communication was read at yesterday's meeting of the poor board, from the Anatomical Board of Pennsylvania, which aroused considerable discussion. It was to the effect that the bodies of all unclaimed dead must be forwarded to the board, according to the state anatomical law. The strict enforcement of this rule will do away with the practice of burying unknown corpses at the expense of the county.

The board will pay all expenses incurred in transportation and keeping the remains, and now insists upon the law being carried out in rigid accordance with the rules. The law, it seems, is not generally understood, and the board is taking active measures to make its requirements understood by all poor board officials throughout the state.

Several of the members of the local board spoke concerning the communication, all of them concurring with the general order, although some of them seemed to consider it rather a heartless proceeding. All individual members of poor boards who break the law can be fined $500.

A resolution was passed, after considerable talk on the subject, that the local poor directors should live up to the requirements of the law, and was unanimously passed. The communication from the secretary of the board, A. Hewson, is as follows:

Office of the Executive Committee Anatomical Board of the State of Pennsylvania, 1508 Pine street.

Philadelphia, June 22, 1900

Gentlemen: According to the State Anatomical Law, which is herewith enclosed, you will note in the part marked Section 2, "all public officers, agents, etc., and every county, city, township, borough, district and other municipality, having charge or control over dead human bodies required to be buried at the public expense are required to notify the said board of distribution, etc., whenever any bodies come into his or their possession, etc., and shall without fee or reward deliver such body or bodies to the said board and its agents." Being fully aware that this law is not fully understood, I write to ask that you instruct those under you to deliver the unclaimed dead to this board. The board furnishes proper boxes for transportation, pays for ice required to keep the bodies in hot weather and in fact all expenses necessary for the carrying out of the mandates of the law above quoted. I enclose herewith also a copy of the by-laws of the board together with its list of officers. If those under you have not complied with the law and you desire further information than that given you, all inquiries will be promptly answered by writing to this office. It appears that in some localities undertakers are receiving these bodies and burying them, charging the expense to the county. This is in direct violation of the law as you see. As you have charge of the disposal of these unclaimed dead and have the right and knowing this law to say what shall be done, you have turned these unclaimed bodies over to these undertakers when the law distinctly states that they shall be sent to this board. I will ask you if there seems to be any doubt in your minds as to the law, to consult your attorney. As I understand it, the county, municipality or any officers or agents thereof should be put to any expense in the burying of these unclaimed bodies, that is, it would not be proper for the institution to be at one cent of expense in the burial of these dead, for if there is to be any expense to the institution these bodies are the property of this board; in other words, if the relatives cannot afford to pay the entire expense of burial, these bodies must be turned over to the Anatomical Board. Any transportation that is required for the delivery of these unclaimed dead to a point where they can be shipped will be met by the board, at such price as may be agreed upon later.

Hoping you will be able to aid in this matter, believe me, Very truly,

A. Hewson, per F.
Secretary State Anatomical Board.

To the Commissioners of the Poor, Lackawanna County, Scranton, Penna.

Beside this, the regular routine business was conducted. There were the usual number of applicants for aid, whose needy conditions were looked into by the board.

Hays and Simms Respited.

Harrisburg, July 6.—Mark Thomas Hays and William Simms, of Fayette county, sentenced to be hanged July 12, have been respited until Aug. 14 and 16 respectively.

Low Rates West

CHICAGO & NORTH-WESTERN RAILWAY

ON July 9th, 17th, and August 1st, 7th and 21st the following rates will be made from Chicago for round trip, tickets good returning until October 31st:

Denver and return	$31.50
Colorado Springs and return	31.50
Pueblo and return	31.50
Glenwood Springs and return	43.50
Salt Lake City and return	44.50
Ogden and return	44.50
Deadwood, S. D., and return	33.55
Hot Springs, S.D., and return	29.55

Particulars of any agent, or call at

461 Broadway, - New York; 435 Vine St., - Cincinnati; 501 Ches't St., Philadelphia; 507 Smithf'ld St., Pittsburg; 368 Washington St., Boston; 234 Superior St., Cleveland; 301 Main St., - - Buffalo; 17 Campus Martius, Detroit; 212 Clark St., - Chicago; 2 King St., East, Toronto, Ont.

NEW YORK HOTELS.

WESTMINSTER HOTEL,
Cor. Sixteenth St. and Irving Place,
NEW YORK.
American Plan, $3.50 per day and upward.
European Plan, $1.50 per day and upward.
I. D. CRAWFORD, Proprietor.

For Business Men
In the heart of the wholesale district.
For Shoppers
5 minutes' walk to Wanamakers; 5 minutes to Siegel Cooper's Big Store. Easy of access to the great Dry Goods Stores.
For Sightseers
One block from B'way Cars, giving easy transportation to all points of interest.

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Only one Block from Broadway.
Rooms, $1 Up. RESTAURANT Prices Reasonable

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Restore Vitality, Lost Vigor and Manhood
Cure Impotency, Night Emissions, Loss of Memory, all wasting diseases, all effects of self-abuse or excess and indiscretion. A nerve tonic and blood builder. Brings the pink glow to pale cheeks and restores the fire of youth. By mail 50c per box. 6 boxes for $2.50, with our bankable guarantee to cure or refund the money paid. Send for circular and copy of our bankable guarantee bond.
60 PILLS 50 CTS.

Nervita Tablets EXTRA STRENGTH
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Positively guaranteed cure for Loss of Power, Varicocele, Undeveloped or Shrunken Organs, Paresis, Locomotor Ataxia, Nervous Prostration, Hysteria, Fits, Insanity, Paralysis and the Results of Excessive Use of Tobacco, Opium or Liquor. By mail in plain package, $1.00 a box, 6 for $5.00 with our bankable guarantee bond to cure in 30 days or refund money paid. Address
NERVITA MEDICAL CO.
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Connolly and Wallace
SCRANTON'S SHOPPING CENTER.

Shirt Waists
3 Reduced Prices, 50c, $1.00, $1.50

Here is a tempting clean-up sale of various odd lots of Colored and Black Waists, some a trifle soiled, most of them perfect in every way—all picked out of our fine regular stocks. Prices were from $1.00 to $3.00. To-day at half.... 50c to $1.50

White Aprons and Caps

For maids and waitresses, of various good qualities of Lawns and Cambrics, carefully made and prettily trimmed.

Of Lawn, 25c to $1.50
With Bib Front and Bretelles, 25c to $1.00
Maids' Caps, 10c to 25c.
Nurses' Caps, 15c to 35c.

Embroideries---Most Wanted Kinds, Most Alluring Prices

This is a clean-up of a successful season's selling. Fine and worthy Nainsook Edgings and Insertions, in the best patterns, on finely woven cloth—fresh, clean, pretty goods at about half market prices. Excellent choice is still offered, but not for long.

One Lot at 8 Cents.
One Lot at 12½ Cents.

CONNOLLY & WALLACE, 127 AND 129 WASHINGTON AVENUE

You Don't Know the Full Pleasure of Cycling, Unless You Ride a SPALDING
Sold Only By
FLOREY & BROOKS,
211 Washington Ave.

Summer Floor Coverings
We are showing several new novelties in
Straw Matting And Fibre Carpets
Practical, Economical, Sanitary. Prices that will suit all purses.
BAMBOO PORCH SHADES.
BRASS AND IRON BEDS.
SUMMER DRAPERIES.
Williams & McAnulty,
LEADERS IN CARPETS AND WALL PAPER.
129 WYOMING AVENUE.

GALLEN'S GALLEN'S GALLEN'S GALLEN'S

Odd and End Sale!

To Our Patrons

After the rush of the busy season we have found a great many broken lots in all lines in the store.

Some lots have few sizes. Some sizes are missing in others. Some lots are so small that they can't be sold out quick enough. The Odd and End Sale will be the means of making these goods move quickly—and prices will be plainly marked on these goods that can't help but move them quickly.

SEE PRICES IN OUR WINDOWS

Your Money's Worth or Your Money Back.

A clearing up of all the small lots and odd sizes at prices one-third to one-half less than they formerly sold for. This is your opportunity to save money—come while the bargains are here---the first comers get the best bargains.

Men's Suits

All wool materials, well made, desirable patterns in Worsteds, Cassimeres, Cheviots and Homespuns—stripes, checks or plain weaves.

$4.95, $5.95, $6.95, $7.95, $8.95.

Worth $8.00 to $15.00.

Boys' Suits

Double-Breasted, sizes 7 to 16 years. Vestee with plain or fancy vests; sizes 3 to 9 years. Sailor Blouse, sizes 3 to 12 years.

$1.50, $1.98, $2.98,

Worth $2.50 to $5.00.

All wool materials—immense variety

Straw Hats For Men and Boys

Reduced in Price—25c to $1.50. Worth 50c to $2.50.

Sombrero Straws

Worth $1.00, at 50 Cents.

COMPLETE OUTFITTERS TO MEN & BOYS
GALLEN'S
225 and 227 Lackawanna Avenue.

Negligee Shirts

75c kind, with or without extra collars, at..... 45c
$1.00 kind at..... 69c
$1.50 and $2 kinds at...$1.12

Underwear

25c kind at..... 19c
75c kind at..... 45c

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OF SCRANTON
ORGANIZED 1872
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CAPITAL..... $200.000
SURPLUS..... 500.000

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Special attention given to business accounts. Three per cent. interest paid on interest deposits.

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At Retail.

Coal of the best quality for domestic use and of all sizes, including Buckwheat and Birdseye, delivered in any part of the city, at the lowest price.

Orders received at the office, Connell building, Room 806; telephone No. 1762, or at the mine, telephone No. 272, will be promptly attended to. Dealers supplied at the mine.

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Afflicted and unfortunate sufferers from Private Diseases, Blood Poison, Youthful Errors, Lost Vitality, Varicocele, etc., send for Sworn Testimonials and Book "Truth" to Prof. O. F. TREEL, M. D., 604 North Sixth St., Philadelphia, Pa. Positively the only specialist in the United States to cure even though the most celebrated specialists failed. Fresh cases cured in 4 to 10 days. Hours 9 to 5.

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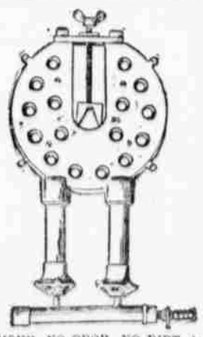

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