A Lucid Explanation of the Laws of Electricity.

Probably few people when turning on water faucet in their house, or playing a hose in their garden, ever realize that the laws controlling the flow of water have a great similarity to those governing the subtler fluid, electricity; and whether they turn on a faucet or an electric light certain conditions exist and certain actions follow which are analogous.

current is stretched through and all a man has to do to move a car containing 100 people along a street is to connect the car machinery with the

current is stretched through the air and all a man has to do to move a car centaining 100 people along a street is to connect the car machinery with the wire by a pole.

If the wire was a pipe carrying water under a considerable pressure and this pipe could be connected to the car by a movable hose, a water motor would make the car move just as the electric motor does, and moreover, the water would flow through the pipe, and the hose, and the motor to the ground, falling from a considerable pressure to zero pressure; ust as the current flow through the pipe, and the motor to the ground falling from 500 votts pressure to zero pressure to the ground falling from 500 votts pressure to zero pressure of the cart in unmber of gallons of water will flow through the pipe, the hose and the motor, dependent upon the size of the pipe, the hose, and the motor, dependent upon the size of the pipe, the hose, and the motor, dependent upon the size of the pipe, the hose, and the motor winding dependent amound the motor winding dependent amound the rolley wire the trolley arm and the motor winding dependent amound the following the pipe, the hose and the motor winding dependent amound the size of the pipe, the hose, and the motor winding dependent amound the trolley wire the trolley arm and the motor winding dependent amound the trolley wire the trolley arm and the motor winding dependent amound the size of the vires in a line carrying current of a high pressure, and the passage of the current to make the pressure of the current to pass through their filaments, just as wow water pipes running parallel to each other may be punctured with small holes wherever it is desired to have the current to pass through their filaments, just as two water pipes running parallel to each other may be punctured with small holes wherever it is desired to have the current to pass through the ring parallel to each other the pr

ance depends, therefore, upon three valua-

ble actors, and therein lies the uncertainty of "electrocution." A man's ability to withstand the effects of a waterfall de-pends similarly upon the strength of the man and the point of application of the material force.

THE ANTIQUITY OF BEER.

It Was in Common Use in Many Ancient Countries.

a hose in their garden, ever realize that the hawa controlling the flow of water laws a groat similarity to those grown ing the stable in a similar way to those grown ing the stable in a similar way to those grown ing the stable in a similar way to those grown ing the stable in a similar way to those grown ing the stable in a similar way to the stable of the flow of the wire of the stable of the flow and in the size of the size of the flow of the flow of the size of the

A most remarkable discovery adapted to a wide field of usefulness is reported. The inventor is one Tesla, a young Montegrin, who has lived some years in this country and been an enthusiastic student of electrical laws and phenomena. If the reports are to be credited he has discovered some method of carrying the electric current from one point to another without any conductor. In an experiment conducted before some of the leading English scientists he stood between two plates, one on each side of a room, which were connected not with one another but with a battery which supplied electric waves which are described as "nearly identical with light waves." No connection exists between the plates. When the current is turned on the experiments building as invalue.

FOR THE LADIES.

& REMARRABLE WEDDING DRE

When Mdlle. Morosow, of Russia, married, some few months ago, her father's friends and pupils devised a wonderful gift for the beautiful young girl. It consisted of probably the most remarkable wedding dress ever made. The foundation was of white satin and covered with small paintings, all in ministure, of altegorical subjects dealing with love and natrimony. This garment has been, it is hardly necessary to say, very carefully preserved, and would prove an addition to any art gallery, as it comprises the work of the most celebrated Russian artists. [Pittsburg Dispatch.

NEW USE FOR ESCORTS.

NEW USE FOR ESCORES.

Every woman who wears the trailing skirt knows' how very difficult it is to button the gloves if the toilet has been lurried and necessitated this last function being performed in the street, without letting the gown drag on the ground. If the material is delicate in hue or texture it is with to now area few mercs with If the material 'is delicate in huc or texture it is ruin to even go a few paces with it sweeping up the dirt of the sidewalks. A young girl and her escort created considerable annusement the other evening by walking down the standard with a refractory glove button. It was very funny, but one could not help admiring the ingenuity of the girl and the chivalry of the man. [Philadelphia Times.

and for all sund afternoon tens. She regards with intense dissistinction the law y lines drawn around her eyes and mouth by the long strain on the facial mouths, and when she much tent the heavy lines drawn around her eyes and wern countenance to some dinner party or evening's entertainment it robs her of all the pleasures to be had in it. The apply the sponge and hot water represent the latest remedy in vogue. Bath the face it water as hot as it can possible be horner apply the sponge over and over again to the temples, throat and behind the east where most of the nerves and muscles of the head center, and then bathe the face in water running cold from the faucet. Uclor and smoothness of outline return to the face, an astenishing freshme s and confort test's, an 'if followed by many of the riginites all traced forlow.

The cold feshion containing time to the facing a showmand that the head center, and then bothe the face in water running and from the face. They are quite effective if one can tid back lace, which are set on in algretter than to the face, an astenishing freshme s and confort test's, an 'if followed by many of the riginites all traced forlow.

The cold feshion conditions to rage and is encouraged by lead ing modistes.

The silk pettieous for full dress should be cut with the bias seam in the back like the dress, and it timed on either edge.

The form one thines to rage and is encouraged by lead ing modistes.

The silk pettieous for full dress should be cut with the bias seam in the back like the dress, and it timed on either edge.

The form one thines to rage and is encouraged by lead ing modistes.

The silk pettieous for full dress should be cut with the bias seam in the back like the free, and it mines to rage and is encouraged by lead ing modistes.

The silk pettieous for full dress should be cut with the bias seam in the back like the dress, and it modes the dress, and it modes the dress, and it modes to require with non cut the tors, and trimmed with on either edge.

The form on thiste bias

The brest fishion in bridesmaid-presents is the Campendia Magherita, or belt of fature and ittings from ever-ingulable bit of jew better than River lets, pins, bairpins, garter buckles, watch chaine, all and each afford a test ing place for these tiny tinkling things, which, by the way, are said to frigsten off all manner of evil spirits, and are by some decour believers supposed to in-sure health, wealth and success in love matters.

matters.

They are like ragman's bells or the bells tied to alpine cattle, square in shape, with long tongues. The mysterious little tinkling noise heard whenever there is a girl around can now be accounted for, for she who does not own and wear for, for she who does not own and wear a lacky bell is either very unfortunate or unsuperstitions, and what girl but has her own little pet superstitions, especially if she is pretty. Plain girls never take airs of this kind; they know better, summa—Now VAR Pross. -{ New York Press

ALPINE HATS A FAD.

The alpine hats have become a genuine fad. The craze for them is growing epidemic, and they are being brought out in all materials. The silk ones are so high-priced, selling as they do at \$3.50 and \$3.75, that they will not be as generally worn as they deserve to be. Some of these are the high crown alpine, with a shallow dent across the little top crown, and are banded with ribbon, with a bow at the side; others are low and broad, with a puff of the silk in front. The stirching is in close rows. Cotton bedford cord is made into a rather round alpine, with the crown in gores, like the crown of a jockey cap. The price is \$1.50. It is in light colors, banded with black galloon. Similar buts are of cloth and storm serge. Caps of cotton and heavy wool bedford cord are innumerable in variety.

and storm serge. Caps of cotton and heavy wool bedford cord are innumerable in variety.

Straw alpines and sailors are banded in narrow leather straps fastened at one side with a buckle. Two or three straps are on one hat, or perhaps two of leather and one of velvet, the latter finished with a tiny flat bow. The edge of the alpine brim has a roll of velvet inside. These leather strapped hats will correspond with the blazers that are caught together in front with a leather strap and buckle. Yellow straw alpines have a band of four inch black velvet that almost covers the inch black velvet that almost covers the crown.-[New York Times.

THE MOTHERS OF GREAT MEN.

THE MOTHERS OF GREAT MEN.

A great deal has been written about "the Mothers of Great Men." We impagine, however, that the folk of Leonberg, have started a precedent by erecting memorials to a precedent by erecting memorials to a scries of mothers of great men. This little township of about 2,000 inhabitants was the birthplace of Paulus, the famous Rationalist theologian, of Schelling, the equally famous philosopher, and of the different process of the mother of the poet Schiller from 1706 to 1801, and of the mother of the astronomer Kepler two centuries earlier. Hough three cillums

where the Magna Charta of Wurtemberg liberties was signed by the Duke, in honor of the mothers of the poet and the astronomer. We presume that the patriotic town councillors will not stop short at these two honorable women, but will extend similar tokens of respect to the other mothers of whom they are so justly proud. [Pall Mall Gazette.

FASHION NOTES.

Gloire de Dijon glass is exceedingly

The pink speckled lily has become a social favorite.

Bedford cord, as a fashionable material, is having a run.

Crepe-veiled jewelry, a mourning fad, become the fashion.

Such a variety of straw hats for women nobody ever saw this side of dreamland.

Every other woman carries a gossip-bag these days, albeit there's "nothing in it."

All the colors of the rainbow are intro-duced in the new awaings for country

can be epitomized as a "mass of embroidery." A van be epitomized as a "mass of embroidery."

Diamonds among the socially elect are much more appropriately worn than heretofore.

You can never convince a woman that a big hand squeezed into a small glove.

The fad

The fad for oddity in fashion con-tinues to rage and is encouraged by lead-ing modistes.

The old feeding couple of our grand motives are again in vogue. They are high in appearance and price, being made of gold and turtise shell. Dag getver also worn, and fine gold befrying a made for every Ribben include it fover. Ribben include the bair and in time to the bair or mine in time.

The clinging cless fitting style of dress is still to be worn, and the new goods are to be not, pliable, and have a glossy surface. A mixture of silk and wool will be used; also Bengaline and fancy silks, which are spotted, striped or slightly checked. Others have a shaded ground, with bunches of flowers scattered over.

Several leading dry-goods houses in New York are again making for the sum-mer a specialty of the sale of simple and stylish ready-made walking-skirts, the bodiese of which can be quickly made of like fabries, or he worn with a pretty skirt waist, and a jacket of some material harmonizing or contrasting with the

The wild-flower hat is the fad of the summer girl. It is large and bendable, with the entire brim formed of green leaves. The crown is a mass of wild flowers, dainty, delicate little blossoms of the wood, which are also strewn along the leafy brim. The inside of the brim is lined with a shirring of crepe the same shade as that of the flower forming the hat. The wild-flower hat is the fad of the

Gaze de Chambery is coming into use again. It is of soft, supple texture, exquisite in its colorings, and falls in gracefull folds about the figure. Some of these gauzes have a woven band of stripes along the selvedge. With tulle gowns, gauze wraps, chiffon-trimmed hats, and transparent parasols the summer girl will be a dream of ethereal beauty.

An improvement in the summer girl's wardrobe is the substitution of the becoming frill to the skirt instead of the mannish tie. For an altogether simple toilet what could be "neater and completer" than a dark blue, perfectly fitting serge skirt, fastened with tiny round crochet buttons in front, worn with a pale shell pink gingham waist with its full, dainty ruffle?

England's Youngest Soldier.

The youngest soldier in the British army, Private Defries, aged 144 years, is a fine child for his age. He is close upon 5 feet 5 inches in height, with a chest measurement of 33, inches, and weighs 126 pounds. It is no wonder, therefore, that the military authorities should have enlisted him without a demur when he told them that he was over eighteen. His father now seeks to have him discharged on account of his tender years, but the war office, not unreasonably, holds that the onus lies upon him to prove that his son is the lusus nature he would make him out.—[Boston Transcript.

Drove Wild Geese Like Rubbits :

the dwelling-place of the mother of the poet Schiller from 1796 to 1801, and of the mother of the astronomer Kepler two centuries earlier, though three villages in the neighborhood contend for the honor of having been Kepler's birthplace. The town councit of the "Town-of Mothers," as it proudly calls itself, has affixed tablets to the walls of the old castle of Duke Ulrich the Well-beloved.

BLEW UP HIS OWN COTTAGE,

He Was Caly a Franch Holdler, But He He Obeyed Orders,

The story is told in a French newspaper of Pierre Barlat, a poor laborer who lived at Sovres, near Paris, with his wife, Jeanne, and their three-children. Industrious, frugal, knowing nothing of the way to the wine shop, Pierre saved all his spare money, working harder and harder, and at last bought the tiny cottage in which they lived. It was a tiny cottage, indeed built of stones, with tiled roof, standing amid shrubs and covered with clematis. It always attracted the eye of the traveler, on the

tracted the eye of the traveler, on the left, as he crossed the Sevres bridge. Plerre and Jeanee worked and saved until the little cottage was paid

Plerre and Jeanee worked and saved until the little cottage was paid for, and made a feast when it was all done to celebrate their ownership. A landed proprietor, to be sure, does not mind an occasional expenditure to entertain his friends.

All this Pierre and Jeanne had accomplished just before the war of 1870, with Germany, broke out. The conscription fell upon Bierre, who, moreover, was an old soldier, and belonged to the reserves. A gunner he had been, famous for skill in hitting a mark with a shell.

Sevres had fallen into the hands of the Germans but the French guns were pounding away at them from the fort on Mount Valerian. Pierre Barlat was a gunner at that fort, and, one wintry day, was—standing by his gun, when Gen. Noel, the Commander, came up and leveled his field glass at the Sevres bridge.

"Gunner," he sand sharply, without looking at Pierre.

"General," answered Pierre, re spectfully saluting.

"Do you see the Sevres bridge over therre."

"Do you see the Sevres bridge over

"I see it very well, sir."
"And that little cottage there, at
the left in a thicket of shrub.""

the left in a thicket of shrub."

Fierre turned pale.

'I see it, sir."

'It's a nest of Prussians. Tee it with a shell, my man."

Fierre turned paler still and in spire of the celd wind that made the officers shiver in their great coats one might have seen big drops of sweat.

might have seen big drops of sweat standing out on his forehead; but ne-body noticed the gunner's constitue. He sighted his piece carefulls, diberately; then fired. The officers, with their glasses, marked the effect of the shot storthe smoke had cleared, "Well hit, my man' well hit," exclaimed the General, looking at Pietre with a smile "The contage conduct have been very solid. It is completely smashed."

He was surprised to see great tears

He was surprised to see great tears

He was surprised to see great lears running down the gunner's cheeks.
"What's the matter, man?" the General asked rather sharply.
"Pardon me, General," said Pierre, recovering himself. "It was my house—everything I had in the world."

The Chicago post-office makes a profit of \$2,000,000 yearly.



Poisoned

Mrs. Mary E. O'Fallen, a nurse, of Piqua, Ohio, was poisoned white assisting physicians at an autopsy 5 years ago, and som terrible ulcers broke out on her head, arms, tongue and throat. She weighed but 78 lbs., and house no nursioned of help.

Mrs. K. E. O'Fallen, saw no prospect of help.
At last she began to take HOOD'S SARSA-PARILIA and at once improved; could saw net out of hed and walk. She is now perfectly walk. She is now per ands, eats well, and do

HOOD'S PILLS should be in every fam-ly medicine chest.Once used, always preferred.



Kidney, Liver and Bladder Cure. Rheumatism,

mbago, pain in joints or back, brick di inc, frequent calls, irritation, inflams gravel, ulceration or catarrh of bladd Disordered Liver,

Impaired digestion, gout, billious-headact
SWAMP-ROOT cures kidney difficulti
La Grime, urinary trouble, bright's disease Impure Blood,

Scrofula, malaria, gen'l weakness or debility.
Gwarantee-Lie contents of One Rottle, it not servited, Druggists will refund to you the price of State, Druggists, SOc. Size, § 1.00 Size.
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YOU NEED NOT FEAR that people will know your nair is deed if you use that perfect imitation of nature,

Tutt's Hair Dye It imparts a glossy color and fresh life to the

NERVOUS DIMORD THE treated by mail refer address A. B. HURILL, Marshellvick

THE JOKER

JESTS AND YARN OF THE

tare Airs-An In Told Him Why | Though Married-

"Oh! what is so rare Asked a poet whos Well, the trembling

tune tune
That our grandfath
As they lallygagged

noon, And nothing could The side of the girls spoon.

...]N AN IMPROVE

OA day is somethone respect,' said Moly.

What respect is

Crackle.

"Each has to go t process before it is of TOLD III

Mr. Nicefello (ca you so cold and dista Sweet girl (quietly out, and the sofa is move up to your Weekly. HOW TO BE HAPPY

"This is angel or husband to the your the first cake she ha "No," she said, "

I know better," angel cake."
"What makes you
"Breense an ange Voit Press

THE BOY I

Father, to youth bers, my laddie, i somin I'll make you Sen. You can't i' I'u s book stupid at a wooke me smart,

A DISCOVERY

Wife Did you angel when you r Husband I did. Wife Will, I len to the control of t 10230 (The lumparists I plained that council the first a prosessioning up and all hemorists trained that of plant. He fixed when when the plant is the plant is the plant in the plant in the plant in the plant is the plant in the plan

I am regulating the one's wagon," wa

"Not so difficul regulate the wagg tongue." [New Yo ANATURAL O

"Now," said the have to est plain for late at night,"

"Yes," replied it what I have been the sent in your bill,"

WHY THE SALE

Customer (at bi vouch for this parre Dealer -I think lived for nearly sit family

Parrot—Hooray f He's the duck for n Tribune,

NO USE I "I've been taking Willie Wishington, first rate, don't you "Indeed."

"Yes. I called onight, and the first to me was: "Well, your nerve." "-[W SOME DI

Druggist—There twenty-five. L Customer—Excus trade, Druggist—Oh, I

wno When one talkse of prisions, and in prisions, and in of chattels and of and debentures of assumpsit, del trespass and at trespass and and remainder of attaching and cing and indors of femnes, both so rating and divords of twent, think would be You will then know begun to study.

HE CO "I can't for the you find in Miss F Mrs. B'pobumper neither sings nor p "What more c

Joung Bioobumper APPRI Sweet Little Gi

Mr. Nicefello—I