POPULIST POLITICS.

Will the Farmers Organize? During the past few months we have suggested time and again the importance of specific, intelligent, radical and united action by the people who support the colossal trusts which have grown up in our country during the last decade, especially in the last twelve months. That something must be done, and done quickly, no intelligent man can doubt. Along the line of suggestions hitherto presented, we find the following sensible article in the Indianapolis Journal, which is worthy of

careful thought: A circular, which we now have before us, makes the statement that there has been an advance on the prices of all articles used in the manufacture of farm implements, building material, etc., of more than 100 per cent, over last year's prices, and that the end is not yet. The firm that is sending out this circular advises its customers to make their purchases now, as they say the advance in prices has not yet reached the maximum. While this is the condition of things in regard to what the farmer has to buy, the price of what he raises is down at the same old, mark that it has been for several years past; in fact, on some lines of products he is selling to-day at a much lower rate than he did a year ago. It is true that the price of cattle, horses and sheep is somewhat higher, but there is nothing like the increase in the price that there is in the price of all kinds of manufactured products. The result will be that the abundant crops with which the agricultural classes have been blessed this year will all be swallowed up by the enormous profits which are being exacted by the trusts, and the farmer will come out at the end of the season as poor as he was before, if not worse off. A mere statement of this fact does not help us in the matter. The chief question which we should ask ourselves "What are we going to do about

No public man has ever offered a plan by which the trusts can be destroyed. As long as the competitive system stands as the accepted plan upon which business is to be conducted, it is utterly impossible to formulate a law that will apply to the trust (great organization of capital) which will not also affect the smaller concern. We cannot say to a man or a dozen men: "You can organize for business with a capital of \$100,000, but no more," We cannot say that 1,000 men cannot throw their capital together, do business as an association and divide profits. This is all that is necessary in order to produce all the evils which the trust is bringing. Then, what shall we do?

Let the producers meet the manufacturers on their own ground. Organize, Form yourselves into an association. Let the products of the farm be controlled and sold under one head. Establish warehouses in which to store your grain, banish the commission merchant and the board of trade. Let all the grain in the country be sold by one association. Let the association pay a certain per cent, on all grain stored and take out a percentage for the storage. Then when buyers want to buy grain let them come to the association to buy. But you say this cannot be Why? Because the farmers will not organize. Well, if this is so, then they are entirely to blame, and they have shown that their own lack of business sagacity is the cause of their more keen-sighted fellow men who are engaged in manufacturing, getting the best of them. But a few more lessons like the ones they are getting at present as to the benefits of organization enght to have the effect of waking the farmers up to the necessity of the case.

The day of haphazard production and sale is past, if the farmer would keep up with the procession. Manufacturing is being reduced to an exact selence. Shrewd men are studying night and day for methods which will reduce the cost of what they are making Others are seeking to reduce the cost of getting the product to the consumer. Every unnecessary expense is being eliminated. If an article can be made cheaper on a big scale than on a small one, it is made that way. Then, when the article is placed on the market, if there is a competitor who is making it necessary to cut the price, if it can be tione, he is squeezed out of the way. If that cannot be done, he is bought up. I hus the field is left open to them. Advertising is then unnecessary. Traveling men are not needed. The samples need not be so numerous and the sale is assured, for there is no one else to whom the merchant can go for what be wants. Do we like it? No. But that is not the point. It is here, and the only way to avoid its evil consequences is to meet it on its own ground. The ultimate outcome will be State factories and co-operative institutions. Mankind will learn through them that all this struggle to crush each other is unnecessary. They will learn that when shoes are to be made the thing to do is to make them as cheaply as is possible and sell them for something else; that all these middlemen, who are now nothing more nor less than that much of a burden, can be dispensed with, and that supplies can be drawn from a vast system of storehouses, which can be operated at a nominal cost. He will learn that it is not true economy to let grain rot in storehouses while men and women are starving, yet ready and willing to perform service to pay for the food they But it will take time for us to learn these things, and this most vithings, the trust, is to be teaching men that

If one man bas a thing to sell, he will get all he can for it. If he can get ten times what it is worth he will do so. The one who is buying will pay no more than he has to, and if he can get the article for nothing he will do so, A famine is a blessing to the man with a full crib. The public laughs in high glee when the merchant becomes overstocked with goods and is compelled to sell at half what the goods cost him to avoid bankruptcy. People flock like vultures around the widow's household goods when they are to be sold on the auction block to pay the mortgage she has placed upon them at ruinous interest, to pay for food to keep her babies from starving through the winter, and when a purchase is made at a small per cent, of its actual value, the purchaser walks away with a broad smile at the thought of the "bargain" he has made. All this may be "business." but it is not God-like. It may be necessary in order to "develop energy," but it does not develop nobility of character, lofty ideals, or a high moral sense of justice. No man can be successful in the combat who loves his

neighbor as himself. It is all wrong, but perhaps we are not yet far enough up in the scale of etvilization to attempt to change it. And when the change does come it is more likely to come through the discovery that the best interests of all can be best subserved by mutual co-operation and mutual assistance.

As we said in the beginning of this article, the co-operation of the rich for self-protection is an object lesson. If the rich can co-operate, and are gainers, why cannot the poor? If the rich can become richer by working together, why will not the same plan be beneficial to the man at the plow and the man with the hoe?"

The American House of Lords. It must be interesting to the readers of the Mercury to know that the United States Senate, as at present constituted. represents more wealth than can be found in any other law-making body in the world. Though more than half their constituency are farmers, there is not a farmer in the list.

The wealth of twenty-six out of the forty-six who comprise that lordly body of parasites, known as the United States Senate, is as follows: Chauncey M. Depew (Rep.), New

York, personal wealth, \$2,000,000. William Andrew Clark (Dem.), Montana, mine owner, banker and manufacturer, \$50,000,000.

Marcus Alonzo Hanna (Rep.), Ohio, coal and iron mine owner and manufacturer, railroad and steamship lines and banker, \$12,000,000.

Stephens Benton Elkins (Rep.), West Virginia, coal and iron mines and rallroads, \$7,000,000. John Percival Jones (Silver), Nevada, gold and silver mines, \$10,000,000.

Redford Proctor (Rep.), Vermont, lawyer, #3,600,000.

John Kean (Rep.), New Jersey, lawver and banker, \$5,000,000. Thomas Collier Platt (Rep.), New York, express company, banker and ommercial interests, \$5,000,000.

Rhode Island, banker, lawyer and capltalist, \$5,000,000. Nathan B. Scott (Rep.), West Virginia. capitalist, \$2,000,000.

George Peabody Wetmore (Rep.),

William Morela Stowart (Silver) No vada, lawyer and gold and silver mine wner, \$2,000,000.

Nelson W. Aldrich (Rep.), Rhode Island, street rallway magnate, \$1,000,000. Addison G. Foster (Rep.), Washington, lumber, coal and shipping, \$2,500,-

James McMillan (Rep.), Michigan, lumber, \$5,000,000.

Edward Oliver Wolcott (Rep.), Colorado, lawyer and mining, \$2,000,000. Henry Cabot Lodge (Rep.), Massachusetts, literature, \$2,000,000. Charles Warren Fairbanks (Rep.)

Indiana, lawyer, \$1,000,0cb. Joseph Benson Foraker (Rep.), Ohlo.

lawyer, \$1,000,000. William J. Sewall (Rep.), New Jersey, railroads and banking, \$2,000,000. Joseph Very Quarles (Rep.), Wiscousin, lawyer and lumber, \$1,500,000.

Boles Penrose (Rep.), Pennsylvania, lawyer, \$1,000,000. Francis E. Warren (Rep.), Wyoming,

ranchman, \$1,500,000. Eugene Hale (Rep.), Maine, lawyer, \$1,000,000.

George C. Perkins (Rep.), California, steamship and banking, \$5,000,000, George Shoup (Rep.), Idaho, sheep and mine owner, \$1,000,000,

Joseph Simon (Rep.), Oregon, lawyer, \$1,000,000.

The Admiral's Answer. When not engaged in any stupendous victories, the hero of the hour apparently occupies himself with saying good things, which are now closing in round him in a way to suggest the veil of clouds with which the Homeric gods shrouded their favorites. Says a writ-

er inthe Independent: "At Singapore, where the Olympia stopped several days, the population is doubtless the most beterogeneous of all cities. There are Malays, Javanese, Dyaks, Chinese, Japanese, Parsces, Hindus, Klinks, Tamals, English. Americans, French, Germans, Dutch, Spanish and Portuguese. A British official was commenting upon it to Admiral Dewey and remarked:

" It is the most motley gathering extant. We have every race here unless

it be the Tagals." "Dewey could not resist the temptaexpress a humorous thought, tion to

ak if you communicate with he will be glad to spare you usund of them."

the Langhing Cure.

n Italian doctor who specially ends laughter as a cure for ills. The diseases influenced carty laugh are numerous, and from broughitis to anaemia. It interesting to see how the treat

is effected. ere is undoubtedly a great opening professional gelototherapeutists very name makes one smile-who ould study various ways of inducing ighter. A course of tickling is preibed for bronchitis, for example; a arse of farcical comedies might suit annemic patient; while puns, fired if at intervals, would be found efficadous in case of pleurisy.

Bacon entered Cambridge at 13; at 16 he wrote against the Aristotelean logic; at 26 he had completed the "Norvum Organum."



Baron Alderson once remarked to an advocate who was notorious for the personal nature of the questions he addressed to witnesses, "Really, you seem to think that the art of cross-examina-

tion is to examine crossly." The late Lord Watson had a habit of interrupting counsel, and this often caused irritation. One distinguished advocate once reproached him on this account in private. "Eh, man," said Lord Watson, "you need not complain, for I never interrupt a fool!"

William T. Stead was moved to send a copy of his brochure, "Shall I Slay My Brother Boer?" to two London editors. One reply ran somewhat thus: "Dear Mr. Stead: What, in heaven's name, have I to do with your family affairs? Yours sincerely, -." And the other: "My Dear Sir: By all means-if he insists upon it. Yours faithfully, -

"It is a constant wonder to me," said the student of human nature, "to see how quickly the minds of some men act. an intellectual grasp that was astounding. I met him in the hall just as he your umbrella?' he inquired. 'No,' replied I. 'In that case,' he answered, it's mine!

Tom Corwin had an enormous mouth. He once said he had been insulted by Deacon Smith. The good brother asked for further explanation, "Well," said Corwin, "when I stood up at the leeture-room to relate my experience, and opened my mouth, Deacon Smith rose up in front, and said: 'Will some brother please close that window and keep it closed?"

Dr. Emlly Blackwell, one of the ploneers of her sex in medicine, heard a physician deliver a fierce diatribe against opening the doors of the profession to women. When he ceased, she asked: "Will you please tell me one reason why they should not practice medicine?" "Certainly, madam; they haven't the muscle, the brawn, the physical strength." "I see, sir. Your conception of a sick-room is a slaughterhouse; mine is not."

Half a dozen back-country Boers once dent, with his hand on the switch, askcheeks, and sent forth a tremendous dent bade them look, and, blowing out more observant than the rest, remarked: "The President must have a wonderfully strong breath, for, did you noglass."

On one occasion Lord Norbury of served an attorney of doubtful reputation prospecting in the dock for business, and determined to make an example of him. Just as the attorney was the court, his lordship called out: "Jailer, one of your prisoners is escaping. Put him back." Back the attorney was thrust, and the following colloquy ensued: "My lord, there is a mistake here. I am an attorney." "I am very sorry, indeed," said Lord Norbary, "to see one of your profession in the dock." "But, my lord, I am innocent." 'Yes, they all say that," was the judge's reply: "a jury of your own fellow-countrymen must settle it." "But, my lord," exclaimed the now desperate man, "there is no indictment against me." "Then." said his lordship, "you will be put back, and if no one appears to prosecute, you will be discharged by public proclamation at the end of the had, assizes.

SOLDIERS DIG FOR TREASURE.

Our Men Are Dreaming of Becoming Monte Cristos.

"I have a cousin in the Thirty-third Infantry, now in Manlia," said an employe of one of the city hotels to a New Orleans Times-Democrat man, "and he says in a letter which I received from him the other day that all the mea in his company are badly worked up on the subject of buried treasure.

"It seems that one of the privates while prowling about a deserted Fillpine house a few weeks before the let ter was written, found a small wooden box burled in the yard, containing 8600 in Spanish gold. He reported the discovery, and an effort was made to becate the owner of the money, but he had disappeared in the hurly-burly, and the supposition is that he was probably killed in some engagement. At any rate the soldier was allowed to retain the coin, and the episode naturally exelted everybody in the ranks. My cousin says that a number of such finds have been made by men in other companies, and that the burying of money and articles of Jewelry appears to have been a common practice among the Filipinos as they retreated before the

American troops. "The consequence is that the ground around their ruined homes is being industriously prodded with bayonets, and all our men are dreaming of becoming Monte Cristos."

Game Horse.

"I've seen many a thing on race ever saw was at New Orleans a few ornaments of objects of sentiment. years ago," remarked a track follower

"It was several years ago at New Orleans, and one of the best borses to bet on was Duke of Milphas, owned by Ald, Casey, of Chicago. But Le was a rogue, and whenever he took it into his and little fitners of the left hand inhead to run no one could beat him, but stead of by the thumb and forefinger, if he sulked nothing could budge him. On this particular day be was a warm favorite, as he distance was seveneighths, the going heavy and all conditions just to the liking of the Duke. He | the eye, a method preferable to that of went to the post all right, but he was lefting go the thread and endeavoring soon out of sorts, and no amount of to get hold of the end with the right lashing could make him budge. Fi- hand. This prevents the weight of the nally a "twitch" was rent for and the cotton from deagging the end out of the assistant starter suce and the Duke ey again.

toeing the mark. Finally he showed inclinations to run, and down went the flag, with the Duke off in front. The 'twitch' had caught on his nose in some manner and the stick kept hitting him on the legs and chest. Despite thisor, perhaps, on account of it-the Duke ran faster than he ever did before. He won all the way, with the 'twitch' hanging to his nose. Ald. Casey won a small fortune on his horse, and has the same old 'twitch' hanging in his private of fice to this day."

"CON" MAN.

Caused a Well-Known Firm to Withdraw Its Bank Deposit.

"Do you know that thieves have often caused trouble among business firms?" remarked a well-known detective the other day. "I know of a case right here where a bank lost a big depositor through a pair of swindlers. A few years ago a well-dressed man presented himself at a certain national bank and laid down a check for \$3,000. It was signed by a well-known wholesale whisky house, and upon the back were the words 'identification waived,' At the same time a well-dressed man entered the office of a live stock firm at the stock yards and asked if he could walt in the office, as he expected a telephone message. He was told that he could. and he took a seat near the telephone I met a man the other evening who had Down in the bank the paying teller was asking who the holder of the cheknew. He said not very many firms a was reaching for an umbrella. 'Is that he was a stock dealer, but if the telle: would call up Mr. Smith, of Jones & Smith, the well-known brokers at the stock yards, he would find out that he was all right. The teller called for the number, and when the ring answered he asked for Smith. The man on the end said he was Smith, and he at once gave Brown, the holder, the amount of the check. When it was discovered that the check was a forgery there was an awful kick, as Smith said Brown was as good as gold. Smith declared he had talked to no one, and the result was an argument between Smith and the bank teller. No one knew about the accomplice answering the 'phone, and the result was that Smith took his account from the bank and no one ever knew who it was who answered the telephone."

NEW USES FOR GLASS.

Pavement Tested in Lyons Has Proved Perfectly Satisfactory.

The United States consul at Lyons has recently reported upon a new kind vent to Pretoria, and during the day of pavement which has for some mouths President Krueger showed them over been in use in Lyons, and has satisfacthe government buildings. In one of torily withstood the effects of heavy me rooms an electric lamp was burn- traffic, says Chambers' Journal. It is ing, and as they passed out the Presi- made of glass prepared in a peculiar manner, the product being known as ed them to blow out the light from ceramic stone. The factories where where they stood. One after another this material is prepared are of great drew a deep breath, blew out his extent, and we are told that in the yards were seen many tons of broken bottles puff, but all in vain. Then the Presi- which the superintendent described as their "raw material." The treatment his cheeks, slyly turned the switch, consists in heating the broken glass to blew, and out went the light. The the meeting point, and then compressing Boers were amazed, and as they left the | it by hydraulic pressure and forming it buildings one of them who had been into molds. For paving purposes the glass is made into bricks eight inches square and is scored with crosslines, so that when the pavement is completed tice, the light was entirely inclosed in | it resembles a huge chessboard. The glass loses its transparency and brittle. of tortoise shell, or covered with shark matically extinguished at a predeterness, and is said to be devitrified; it is as cheap as stone and far more durable. It will resist crushing, frost and heavy shocks and can be employed for tubes. vats, tiles, chimneys, etc. It is availclimbing over the rails of the dock into able for all kinds of decorative purposes; and a large building made of the material will form an attractive object at the Paris exhibition.

Scientific Guesswork.

Sir Joseph Prestwich, a distinguished English geologist, acquired extraordinary skill in making deductions from the surface formation of a piece of land. To some of his simpler neighbors his science seemed pure divination.

In 1864 Sir Joseph purchased an estate near Sevenoaks, and built a house upon it. The farmers about were amazed at his stupidity. His house was on a dry and trecless chalk hillside. There was not a drop of water to be

of water supply, however, that he at average sophomore in one of our colonce engaged an old well-digger to sink a well one hundred and sixty eight feet

depth of one hundred and sixty-six feet | er man. The fact that the ordinary was reached the two workmen went to I naval eadet could take a torpedo boat the city and sought an interview with and sink Lord Nelson and the Victory their employer, whom they found at his desk. They explained to him that there | the latter is a greater navai com was no sign of water, and that in their opinion it was useless to here to a Progress" has been read by more peogreater depth.

You will come upon water to morrow. You are within two feet of it."

The next day it proved exactly as Prestwich had forefold. And ever after, among many of the denizens of the valley, Sir Joseph had the reputation | dispute the genius of Bunyan. Greatmuch to his annusement, of not being quite "eanuy."

The "Smeding Cure."

Interesting experiments with the idors of herbs have from time to time been made, and it has been found that many species of microbes are cas ly distrayed by various smells. The odor of cloves has been known to destray inferobes in 25 minutes; cianamoa wift kill some species in 12 arinutes; thyme in 35, on 45 minutes common vild verneun is found offerive, while the odor of mint has destroyed various forms of interobes in 55 minutes, and it is recorded as the most effective of all odors as an antiseptic. It is now found in Egyptian mummiles were cracks, but I think the greatest cace ; unitseptic properties than us mete

North-Threading.

improvement to the method of holding a needle for the purpose of threading it. It is to be beld between the third palm uppermost. The advantage of this is that the thumb and first finger can be used to grip the smallest end of the thread as soon as it protrudes from

MANY OLD WATCHES.

NEW YORK MAN'S COLLECTION OF TIMEPIECES.

Ornamentation of the Bridge Was the Part of a Watch that the English Maker Used to Expend Most Labor and Pains Upon.

Two thousand watch movements; 2,000 detached bridges; 100 old watches. These are approximate figures for the collection, not yet classified and numbered, of Calvin Rae Smith, professor of drawing in the College of the City

of New York. The bridge of the watch is the metal plate at the back of the works which covers and receives the axle, jeweled or otherwise, of the balance wheel. In the old hand-made watches the plate was exquisitely wrought and appears to view when the brass cap is removed which covers the movement under the various outer cases. It is estimated that one-third of the labor of making a watch of the early period was expended on the bridge. No two hand-made bridges are ever alike. None of the old watches contains a date, and until the English law of 1740 it was not compulsory for the London maker to affix his name or the number of the watch.

The movements made in London in the last century for the Chinese market are recognized at once by the peculiar pattern of the bridge ornament. It is cald that a Chinaman who could afford to carry a watch at all carried two-to be a check on each other. This bridge, upon which the watchmaker exhausted himself in ornamentation, is the key to the period to which the watch belonged.

It was customary to engrave a head, sometimes at the upper but more often at the lower edge of the bridge. In the earliest watches it was a female head; afterward it was the head of a lion or sometimes of an eagle. By and by the popular hero of the day began to be handed down to posterity on the bridges of the watches. In Mr. Smith's collection we find portraits of such distinguished people as Major Andre, George III., Toussaint l'Ouverture, George IV., Lord Chatham, Admiral Nelson and Lord North.

At the time when the tulip craze invaded England from Holland the conventional tulip appears in the bridges and pillars of the watches of the day.

It is an axiom of the collector that the modern watchmaker is densely ignorant of the mechanism and value of an old watch. One of the finest movements in Mr. Smith's collection chimes the hours, the quarters and the minutes. The bell is a coll of steel encircling the works, which at the time Mr. Smith discovered it the jeweler was about to movements who could repair a London | cultural districts.

or Nuremberg watch of 100 years ago. Most of the old movements were stances the latter go promptly into the | end to the tramp nulsance. melting pot. Occasionally a case made skin, or made of an alloy called pinchbeck, saves a fine old timekeeper from destruction.

The oldest watch of the collection was made about 1690 by Thomas Tompion, who died in 1730, such a famous craftsman that his remains were entombed in Westminster Abbey. Tompion is called the "Father of English Watchmakers," and side by side with him in the famous abbey lies George Graham, another Illustrious watchmaker. This old timepiece has but one hand, the dial being spaced only in hours and quarter hours.

GREATNESS.

As Distinguished from Learning in Men Who Achieve Eminence.

It is a common error to confound learning with greatness. The fact that a medical student of this day knows more of the science of medicine than Dr. Abernethy did does not prove he So confident was Prestwich in respect is a greater man. The fact that the leges knows more of the laws of nat ure, of chemistry, of the sciences and of languages than Socrates knew does The boring proceeded, but when a aut prove that the former is the greatin a few minutes does not prove that mander. John Bunyan's "Pilgrim's ple, and will in years to come be read "Go on," was the quiet rejoinder, by more people, than any book written by the most learned man of his own or subsequent times, and yet Bunyan was a tinker by trade and was as ignocant of the rules of grammar as he was of the binomial theorem. No one can er inventions and discoveries have been made in our time than were ever made by Jenner, or Watts, or Sir Isaac Newton. But it is likely the credit of not one of the great modern inventions can be ascribed to any one man. Morse alone did not invent the magneie telegraph; Bell did not alone conceive the idea of the telephone, nor was the typesetting machine the exclusive work of one man.

the past an individuality, which distinguishes few living men. The average haps, in Abernethy's time as it is now. And yet he stood high above them, and almost without a rival. The average believed that herbs which have been ability of the United States Senator was, perhaps, as great or greater in the placed on the bedies more for their last generation than it is to-day. And detectives were put to work to investivet the three great Senators, Calhoun, Webster and Clay, stood high above the rest, and if they were in the Senator to-day their pre-eminence would prob An ingenious lady has suggested an bly be as undisputed. It may be the there are many men now living in to United States who may justly be terp ed great men, but there are few in alof the walks of life so great that this position is entirely undisputed. Ban

REASON FOR PIRACY'S DECAR Masters of Trading Ships No Long

Carry Specie with Them. A son of the old-time yachting of

tain, Jack White, of Red Bank, piel up a Mexican silver dollar of 1834 Sandy Hook the other day. Capt. J:

said it reminded him of many a dollar he had seen that had been picked up along the Jersey coast and on Long Isl-

"Mexican silver dollars," he said, were the money of the commercial world during all the early part of this century, and you could find them whenever there were wrecks. Nowadays plrating would not pay, but in those days every ship had to carry a lot of money every time she went on a voyage. Nowadays a captain doesn't have to have anything but a bit of pocket money, and It is a fact that many a ship goes on a voyage with hardly a dollar on board. If the captain needs anything he can either draw money at any port or else finds credit there.

"It was very different a generation ago. In those days a captain had to take out with him money enough to last him for the whole voyage, and something for emergencies besides. He often had big sums aboard, also, that were used in trading, or that represented a cargo sold.

"It was not uncommon in those days for a ship to start out with a full cargo, bound for some foreign port, where the captain would have to hunt his own market. If the cargo wouldn't sell well there, he had power to go to any other port to hunt a profitable market. Then, when he had sold out, he was expected to buy a new cargo, either for a home port, or, perhaps, some other part of the world. It was not unusual for a captain to handle half a dozen cargoes on a long trading voyage, and come home in ballast, with a big box of silver dollars to help keel his ship up to the wind. Even the little vessels carried a lot of money aboard.

"I guess that dollar was wreeked there fifty years or so ago, and it has been drifting around in the sands ever



Recently completed improvements in the Canadian canal system make it possible for a ship 270 feet long, drawing fourteen feet of water and carrying 2,500 tons of freight to pass from Lake Erle to the sea without breaking cargo.

A decision has been handed down by the Minnesota Supreme Court, in which a majority of the court concur, holding that State authorities have no right to enforce the game laws against the reservation Indians while hunting on their own reservations. Count Skorzewski, a wealthy land

owner in Posen, Germany, has recently astonished the natives by employing a camel, instead of horses or oxen, to take off and throw away. Among all draw the plow on his estate. The exthe watchmakers of New York there periment has proved most successful are only three or four experts in old and is likely to be copied in other agri-Syracuse, N. Y., has established a municipal lodging-house at which an

cased in silver. Only Dukes and Princes applicant is furnished with a supper, aspired to gold. The jewelers now- bath, lodging and breakfast on condiadays buy these queer old bull's eyes | tion that he works at street cleaning over the counter for the value of the half a day. A meal is furnished for one cases, and except in a few rare in bour's work. The system has put an Gas and electric lights can be auto- the rare phenomenon called bead light

mined time by a new English

having a disc revolved by clockwork with adjustable hands on the face of the disc, which are set to come in contact with the key at the desired time to cut off the gas or electricity. The finest gardens in the world are the Royal gardens at Kew, England. They cover an area of about 270 acres. and are visited by about 1,500,000 per

sons a year. The gardens contain the finest collection of exotic plants in the world, a palmhouse, a winter garden, a museum, an observatory and a school for gardeners. To be prepared for emergencies, many

of the European monarchs have large handsomest of the large suspension amounts of money on deposit in the Bank of England. Napoleon III., when he saw that his star was on the wane. contrived to send a vast sum to England's great bank. This deposit has enabled Empress Eugenle to live in dignity and luxury. Natal, the name of the South African

colony, is pronounced Na-tal, with the accent on the last syllable, the a being pronounced like a in "far." The coast of Natal was discovered on Christmas Day, 1497, by the Portuguese, under Vasco Da Gama, who named it in honor of the day-dies natalis, in Latin; nata!, in Portuguese-Natal.

The following curious bit of English appeared the other day in the Nantucket Inquirer and Mirror: "Stillman C. Cash caught a hook in his finger Saturday while codfishing off 'Sconset. He was unable to extricate it and had to take his anchor and row ashore with t probing the flesh all the time. Dr. B. F. Pitman removed it.' The Kashmir rallway is to be con-

structed over 186 miles in the most mountainous part of India. It will be operated by electricity, water power being used. This permits of a much lighter motor for drawing the same load and also permits of grades which a steam engine could not climb without recourse to the rack system. A firm of fish dealers in Mobile, Ala.

is experimenting with a railroad tank car in which, if successful, they will transport Spanish mackerel, pompano, There was among the great men of gulf bluefish and other Southern fishes allye to Northern cities. They believe that necessary aeration and regulation ability of physicians was as great, per- of temperature in a sufficient quantity of sea water will be feasible. Numerous fine specimens of the kind

of fine clay known as kaolin having been missed from the exhibits of the State geological department of Georgia, Vanie Williams, a negro scrub-wonkin employed there, had eaten them. The woman turns out to be a regular Geo MJ gin clay enter.

Two years ago a Brown County farmer gave his daughter two chickens and promised to feed the increase for four years, provided she would take care of them. He says she has \$64 in the bank and has 200 chickens that he will have to feed this winter. He also says that at the end of four years she sively in south Africa and most of will own the farm and will be charging

him rent for living on it. After observing the antics of some folks the theory that man descended from the monkey doesn't seem so ridic-

ulous.



More steel is used in the manufacture of pens than in all the sword and gun factories in the world.

According to chemical analysis, fife teen parts of the flesh of fish have about the same nutritive value as twelve parts of boneless beef.

The principal ingredients in the composition of smokeless powder are guncotton and nitro-glycerine. Some other substances are added, however, in small quantities.

An object, like an iron anchor, that is thrown into the ocean and is free to sink, will go to the very bottom, no matter how deep the sea may be. The notion that at a certain depth the density of the water increases to a point exceeding that of iron, and that the object would there be suspended, is erroneous.

Prof. Dewar has at length succeeded in solidifying hydrogen. In its coinpact form, solld hydrogen is a transparent ice, but owing to rapid chullition it usually appears as a foamy white mass. Its mean temperature is 16 degrees centigrade above absolute zero. Prof. Dewar says, with reference to his latest achievement: "The last doubt as to the possibility of solid hydrogen having a metallic character has been removed, and for the future hydrogeni must be classed among the non-metallic elements." Before the Biological Society of

Washington O. F. Cook described his studies of the African termites, or white ants. Certain individuals in every nest have no other apparent function except that of fighters or soldiers. Some have a long beak from which they, eject an acrid, corrosive fluid; others inspire terror by making a loud clicking noise with their mandibles, but they neither shoot nor bite. One singular observation of Mr. Cook was that the soldier ants which rush out to defend an attacked nest "do not return to the nest, but wander about and soon perish from exposure to the outside air."

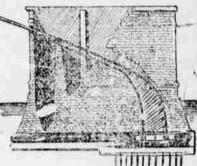
It is said that there is not a stream rising in the mountains of Luzon-and the same is true of other islands of the Philippine group-which has not its gold-bearing sands. The alluvial deposits of the precious metal have been garnered for many years, but no thorough exploration for gold at its sources in the mountains has ever been made, because the Spaniards were unable to conquer the tribes inhabiting the interior regions. Some of these tribes are said to look upon the digging up of the earth as a sacrilege, and they will not seek gold in that way, nor permit others to do it, lest the wrath of the gods should grow hot against them.

During a violent thunder storm at Ithaen, N. Y., last summer a writer for the Companion was surprised to observe, several times in succession, a short luminous streak which appeared at a particular point in the clouds, and remained visible about two seconds at a time. It was probably an example of at the recent meeting of the Americ association. When seen to advantage it resembles a string of luminous beads hung in a cloud, "the beads being somewhat elliptical and the ends of their axes in the line of their discharge being colored red and purple respectively." As seen at Ithaca the line was viewed nearly end on, and there was only a suggestion of color visible.

HOW A BRIDGE IS ANCHORED.

Longitudinal Section Showing Anchorings of New East River Structure.

The new East river bridge of New York will be the largest, strongest and bridges of the world. Its entire length between terminals will be 7,200 feet, the length of the main span, center to center of towers, will be 1,600 feet, and



LONGITUDINAL SECTION.

the extreme width of the floor, from railing to railing of the outside sidewalks, will be 118 feet, says the Scientific American. The next largest suspension bridge is the famous structure a mile and a half down the East river. which is 1,595% feet between towers and 3.455 feet long between the anchorages. This longitudinal section shows how the great bridge is anchored firmly at each end.

A Way They Have. The sun was setting in the West,

Just at the close of day' So runs the song, no doubt it's true, Because nobody ever knew The orb to let Itself get set In any other way.

The stars were shining overhead, And night her sable wings had spread," According to the song. Why should we doubt the singer, say? For isn't that, in fact, the way They do it right along?

The gentle breezes sof The autumn day was For, of such days The cattle breeze

Chicago Times-Herm A Fraction "What is a fraction?" "A part of anything, sor

"Give an example." "The sivinteenth of Jun bourne Times. American Barb Wire in Afri Barbed-wire fences are used

material is imported from the Un A Cash Calculation. If all the money in the worl

divided equally among the perperson would get about \$30.