

### NOT PLEDGE E Ourselves to keep abreast, but to keep the lead PURE, "ABSOLUTELY; PURE, AND WELL MATURED, RIPE WHIS-What's dollar can buy in the way of Black

tist in

Dress Silks. Generally speaking the \$1 grades of Black Silks are not very satisfactary as to service and appearance, but at this special silk sale, both these qualities are richly supplied.

These lots are all special fortunate purchases of large quantities at cut prices and we can recommend them as extra qualities and 10 to 20 per cent. better than usual qualities and values sold at \$1.

24 inch Black Gros Grain Silks, 24 inch Black Silk Rhadame, 24 in Black Silk Faille Francaise, 21 inch Black Pean de Sole, 21 Inch Black Armure Royal,

So much for \$1 values. What of the finerqualities ? They are here too in these ex-

weaves and makes to suit all tastes at \$1 to \$3.50 per yard. Many fancy weaves this season in Black Silks. Colors too are in great demand.

NEW COLORED SILK ARMURES. NEW COLORED SILK RHADAMES.

NEW COLORED FAILLE FRANCAISE, NEW COLORED SURARS.

NEW COLORED OROS ORAINS, In all the ultra shades for street and house wear, as also in evening shades.

WRITE Our Mail Order Depart-

ment For samples of these special \$1 values mentioned above ; and also of anything else in metabove ; and also of anything else in EXPA them to finest qualities. Then compare le pilles for like qualities. This extenin business we are building and adding to daily on the basis of small profits and insensed patronage ; and old idea, but none

Oer Catalogue and Fashion Journal too may ald you to determining on the styles abries in your Fall and Winter pur-

RIES AND WINES At prices that make all other dealers hustle Just think of it :

Overholts & Co.'s Pure Rys, five years old. Full quarts \$1.00, or \$10.00 per dosen. Still better ! Finch's Golden' Wedding, 'ten years old. Full uarts \$1.25 or \$12.00 per dusen. Better still !

Kentucky iBourbon, (ten years old. Full quarts \$1.20, or \$12.00 per donen. And one of the most saleable, Whiskles on our further the saleable whiskles on our The Fure Eight Year'Old Exp. rt Guckenheim-

The Pure Eight Year Old Exp. rt Guckenheim-er. Full quarts \$1.00. or \$10 per dosen. There is no Whisky that hastever been sold that has grown in favor with the public so rapid-iy as our old Export, and the simple reason is that is is utterly impossible to duplicate it. There will never be any let up in the purity and fine flavor in any particular of the Pure Call-fornia Wines we are now selling at 50 cents per bottle. Full quarts jor \$5.00 per dosen. In making up your orders please Janclose P. O. Money Order or Drait, or Register your order.

bensive Silk stocks in all grades, qualities, JOSEPH FLEMING & SON, WHOLESALEJAND RETAIL

> DRUGGISTS, PITTSBURG, PA.

# 412 MARKET ST. Cor. of the Diamond Jan. 25, 1889 .-- 1vr A SOLID STEEL FENCE!

CUT PROM STELL SOMETHING NEW.

For RESIDENCES, CHURCHES, CEMETERIES, FARMS of PLASTERING LATH, DOOR MATS, ite for Illustrated Catalogue: mailed free CENTRAL EXPANDED METAL CO 116 Water St., Pittsburgh, Pa. Hardware Men keep it. Give name of this paper

CURRY AD

" Luiu played two summers, Little Hes, one"-Such the tender legend That was traced upon a stone In a bramble-braided corner Of a graveyard, gray and lone,

Near the old home of my childhood, In the darling days a-gone-"Lalu played two summers, Little Bee, one."

> I was but a boyish stroller Of the fields when first I read The quaint and tearful record On that tablet to the dead; I have passed the chiseled marbles Stretching skyward to the sun, To muse upon the meaning Of the mystic lines that run: "Lulu played two summers,

LULU AND LITTLE BEE.

Little Bec, onc. I did not understand it then, But now 'tis all so clear. God knows my foolish fancy needs No cold interpreter; O. post-mother! never bard

Little Bee, one." -James Newton Matthews, in Chicago News.

That ever breathed has spun

A strain of sweeter pathos Than your poor heart has done-"Lulu played two summers,

PLANT FERTILIZATION. Barbaric Traits of the Arum Crinitum and Other Plants.

Those who have written of the curious subject, the agency of insects in the cross-fertilization of flowers, love to tell of the mutual interests involved. The insects want honeyflowers want foreign pollen-so the plant receives the bee as a welcome oreign trader. It receives the needed pollon, and gladdens the heart of the busy little merchant, who departs laden with the treasures for which the flower had no use of its own. But in the little world of plants and flowers, as in the wider intercourse among human beings, mutual interest is not always the basis of change. There are wretched instances of ignoble solfishness that set all moral law at defiance-plants that are worse than cannibuls, for they not only actually kill and eat the little traders

that venture within their domains, but have not the higher motives out side of mere love of a delicacy,

in fertilization, he was amazed to

find that the pollen was not in a con-

dition for use till after the captured

insects were dead. These, he found,

lived long enough to deposit eggs.

which, by the time the pollen

matured, had become little "wig-

glers," which, crawling about the

spadix, carried the pollen from

male to the female flowers. It is not

yet quite clear whether the flower

acts from pure viciousness in this

murderous course-in charity we may

suppose the selfishness already hinted

at, and believe that in some way the

nitrogenous material of the insects is

used as food, as in the case of pitcher-

....

plants and Venus' fly-traps.-N. Y.

HARRY GOT IT.

Many Eyes.

Among the passengers on a Western

The boy aroused the indignation of

Whenever the nurse manifested any

boy had slapped the nurse for the fifth

time a wasp came sailing in and flew

on the window of the nurse's seat.

## BOOMS NEEDN'T APPLY. A Dakota City That Is Content to Rely

on Its Merits. "Can you direct me to Pacific City?" asked the Buffalo man of a station agent in Dakota as he left the train at a "huddle" of four or five houses. "Right across the street for information, sir," was the reply, and

the stranger walked across to a shanty bearing the sign of "Real Estate" and put the same question to a red-headed man who was busy folding and sealing a prospectus. "This is it, sir," was the calm "Why-why-"

"You are disappointed, of course." "Well, rather. "You expected to see a city of at least five thousand inhabitants, with

and all that?" "Yes, I did." "That's the way with many others, but it is not our fault. Our object is

to go slow and sure, and not create any thing like a boom to give fictitious values. We have done remarkably well thus far. One year ago this was the only structure in the city. Now look around."

"Now I can count seven." "Exactly. That's what our latest country. We don't want any.

"How's real estate?" queried the Buffalo man after awhile.

grow."

"There are. A year ago we had

soon Satisfied. "I am a lawyer now, but I have been

other things as well," said a leading lawyer. "How's that?"

"Well, a balloonist, you might say. That sounds strange, doesn't it?" It was admitted. "Have a seat, then, and I will ex-

plain how I rose from a journalist to a lawyer, and yet in the interim filled the third calling of aerialist as well. The story runs this way: When I was a boy I was ambitious to be a newspaper man, I left home young and began to battle with life By hard licks I soon accumulated a few dollars. That meant wealth to me, inasmuch as it was the foundation of a long-cherished hope-a newspaper. Well, I established myself in the town of Sink, a place of some few inhabitants, set squarely on the spot where two public roads crossed. There were, consequently, four ways of outlet from the town. On the first Monday morning after reaching there the Sprend Eagle came out bright and new. On the lookout for news I had visited a festival in Sink on the previous Saturday night. At that festival, while eyeing the shady views, I caught an item. I published it under the flaming head: 'John Country's Town Hog.' The Tuesday after the Eagle was issued I received a letter. It stated that if I ever came out his

road again he would make me think 1 had been hugged by "n bear before I got back. One road out of four being thus denied me was not bad, so I continued to fly the Eagle.

"The second week of the paper's existence was marked by an article that read this way: 'Good! Jack Corn shot for stealing.' The next morning I got a letter signed 'Jack Corn,' saying: 'It's true I am shot, but all I care for is to live to shoot one man. I dare you out this road.' I was troubled, but braced up and decided to let the two roads fly. Killing my compositor,

One need not be very old to have a distinct recollection of his daily life, its conditions and environments, fifty

years ago, when the patent system of the United States was in its early infancy. Then the country was almost entirely agricultural, for our grand career in manufactures and the industrial arts was just beginning. It virtually began with the patent systempearance. the creation of the patent office--and it has actually kept pace with the development of the system, so that this magnificent progress stands as the indisputable results of the system. In

other words, we owe our splendid achievements in manufactures and the or three and one-half meters by two or arts to the stimulus that the patent laws have given to invention. Fifty years ago most of the people of the United States were clothed from the products of the domestic spinningwheel and hand loom. The itinerant shoemaker went from house to house. setting up his bench and plying his vocation in the farmers' kitchens. There were no planing-mills; no shops for the manufacture of doors, sashes or blinds. All the work of the builder, including carpenters' and joiners' work, was done by hand. The carpenter, if a good one, got one dollar a day. Coal was consumed but by few families even in the large cities, and by nobody in the smaller towns. The

tailors, like the shoemakers, came to the house and made into clothing the cloth woven by the mother and daughters, with a little help from the fullingmill that was generally near the gristmill of the neighborhood. The railroad and telegraph had not yet added their powers to the forces of civilization. This year, 1889, is no more like 1839 than the hand-loom is like the cotton factory. "Better fifty years of Europe than a cycle of Cathay." Better one pletion of the rug.

year of the life that is lived under the One can hardly form an idea of the new conditions than any number of enormous work and monotony in the years of the hard existence that was weaving of a rug, which, as is explained above, is made by the unior of millions of knots by the hand. So familiar do these women become with the operations of weaving, that it is with difficulty one can see their hands, so quickly do they manipulate the threads.-N. Y. Mail and Express. OLD COLLEGE DAYS. Why American Boys Have No Reason to Desire Their Return. American college boys have no reason to desire the return of the "good old days." In the early days of Yale and Harvard the English system of "fagging" was in active force. A freshman was not allowed to wear his hat in the college yard unless it was raining or snowing. Freshmen were required to do servile work for any member of the faculty or of the higher classes at any time of the day, except study-hours or after nine p. m. They were also required to shake and dust the college carpets once a year, and to furnish. at their own expense, all the bats, balls and foot-balls used by the students. In some colleges corporal punishment was in force, and pecuniary fines were imposed for minor offenses. A comparison of these fines is interesting. The amount exacted for lying, drunkenness and fighting was thirty cents, while the fine for card playing was one dollar. Six cents was imposed for too late attendance at church, while twelve cents was the penalty for too early an attendance, this discrimination being made because it was found that the young men were in the habit of standing at the church door before service and annoying those who entered. We are glad to have seen the last of these good old days. Nothing was ever gained by cruelty and oppression, and we can not help feeling that many a boy had to leave college in his freshman year to escape from these impositions who might have been a great man .-- Golden Days. -----

How These Popular Articles of Utility

One sometimes confounds the rugs of Karabagh with those of Kazak, inasmuch as they resemble each other in appearance and designs, but when one considers that the former are always rectangular and the latter square their distinction can be readily determined. despite the similarity in general ap-

The looms of the people of Afghanistan and Beloochistan vary much in dimension, but in those from the latter country the length is always proportionate to the width. One does not find rugs here greater than three

two and one-half meters. The rugs from Afghanistan are made on looms much of the same character as the Karabagh loom, and therefore the width may not surpass a certain limit. In Oushak, Gordez and the other countries of Turkey, a fabric is made of almost any dimension, according to the means at their disposal and the progress which this industry has made in the Asiatic provinces of the Ottoman Empire. The operation of weaving as practised in Asia Minor does not differ essentially from the methods in use in the Caucasus, but the popularity of Smyrnas can best be attested by the fact that there is ex-

ported annually of these rugs about three hundred thousand square meters. This process is carried on, of course, without the aid of the shuttle, the only utensils requisite being an iron comb, a large clumsy knife, a stick of wood, tokmak (a kind of mallet) and a pair of scissors. The fringe, which one often sees at the two extremities of a rug, are the two particles of thread which are bound around the bars of the loom, and which are cut on com-

HUMOROUS.

-Duplex (whose wife is dressing for a ball)-"Great grief! Are you going to wear that extremely low corsage?" Mrs. Duplex-"Certainly, dear It will not appear too decollete when 1 have on my pearl necklace." Jewelers' Weekly.

-Mendicant (appearing at the back door of the White House) - "Gimme a piece of cross-barrod, open-topped or kivered pie." Servant-"You'll get no pie of any kind." Mendicant-"Then I'll go round to the front door and git a post-office. Ben and me used to hook apples together when we wuz boys.

-We want it to be distinctly understood that we are not one of those real mean old things that believe that woman is at the bottom of every earthly trouble, but we must admit that the demand for sealskin sacques has had more or less to do with the disturbances about Behring sea .-- Washington Post.

-Moldy-Looking 'Individual (to London police officer)-"Yes, sir, I've decided to give myself up. I'm Jack the Ripper, and I-" Pelice Officer-"Sorry, but we can't accommodate you, as there are seven more Jack the Rippers' down-stairs, and you'll have to roost somewhere else, tonight."-Life.

-He wasn't a bunco man. - "Did you see any bunco mon while you were in New York, Uncle Abner?" "No, sir, not one." "I understand that you met a slick stranger who beat you out of \$150." "Um-ah-well-yes, I got playing cards one night and luck was against me to about that amount, but that fellow wa'n't a bunce man. If he was he'd have said so. Your Uncle Abner knows enough to steer clear of those bunco fellows."-Epoch. -Small boy-"Pa, what is the dif-

ference between a pessimist and an optimist?" Pa-"Well, let me see if I can illustrate. You know I'm often discouraged, and things don't look to me as if they'd ever go right. Well, at such times I can be said to be a pessimist. But years ago when I was a young man every thing looked bright and rosy, and I was always hopeful Then I was an optimist. Now, my son, can you understand the difference betwoen a pessimist and an optimist?" Small boy-"Oh, yes; one is married and the other isn't."-N. Y. Weekly. -Inventor - "Euroka! Euro-" Kansas Rustler - "What nir you Eurekerin' about?" Inventor - "I have just completed my duplex indicator, a little instrument that will inform its possessor of the approach of a cyclone before-" Rustler-"Wal, you've wasted your time. Nobody'll buy. What we want yere is an indicator that'll inform its possessor of the approach of a Eastern capitalist. soon's he gits across the county line, and give the feller with the indicator time to grab up his corner lot deeds and git to the capitalist 'fore anybody else knows he's comin'."-Puck.

parks, schools, factories, churches

prospectus says-improved seven hundred per cent. in one year. Can you ask a town to go ahead faster than that? Don't confound this wonderful progress with a boom, however. Booms have killed half this Western

"Advancing, of course. Six months

ago I offered lots on Washington avenue for \$10 a foot. To-day I am asking \$20. That's 100 per cent, isn't it, and nothing like a boom. We are simply growing on our merits alone. That's the proper way for a town to

"Any factories here?"

FOUR WEEKS OF IT. a Young Journalist's Ambition Was

# PATENTS AND PROGRESS.

Marvelous Changes Wrought by Invent-ors in Half a Century.

ABOUT ORIENTAL RUGS. and Elegance Are Made.

# BOGGS & BUHL, MS. M7. 119. 121 FEDERAL STREET ALLEGHENY, PA.

Rich and Poor, Prince and Peasant, the Millionaire and

Day Laborer, by their common use of this remody, attest the world-wide reputation of Ayer's Pills. Leading physteints recommend these pills for Stomach and Liver Troubles, Costivoness, Billousness, and Sick Headache ; also, for Rheumatism, Joundice, and Neuralgia. They are sugar-coated ; contain no calomel ; are prompt, but mild, in operation ; and, therefore, the very burt modicine for Family Use, as well as for Travelers and Tourists.

have derived great relief from Ayer's Pills. Five years ago I was aton so ill with

Rheumatism

that I was unable to do any work. I took three boxes of Ayer's Pills and was entirely cured. Since that time I r without a box of these pills." Christensen, Sherwood, Wis. 'Ayer's Pills have been in use in my per's Fills have been in use in my upwards of twenty years and completely verified all that is of for them. In attacks of piles, which I suffered many years, they granter relief than any other ins I ever tried." - T. F. Adams,

prings, Texas. ave used Ayer's Pills for a numpears, and have never found any-epial to them for giving me an its and imparting energy and the to the system. I always keep in the house."-R. D. Jackson, legton, Del.

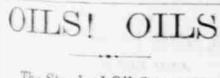
Iwo boxes of Ayer's Pills cured me

## Headache,

fom which I was long a sufferer."a hoves, Hubbardston, Mass. Whenever I am troubled with con-"The suffer from loss of appatite, A set P is set me right again." - A. J. Keet, Jr., Rock House, Va. "Ayor's Pills are in general demand

ong our customers. Our sales of head these of all other pills com-We have never known them Wright & Hannelly, San Diego, Texas. Ayer's Pills,

FREPARED BY Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all Dealers in Medicino.



The Standard Oil Company, of Pittsburg, Pa., make a specialty of manufacturing for the domes-tic trade the finest brands of he trade the finest brands of

inting and Lubricating Oils Naphtha and Gasofine



We challenge comparison with every known product of petroleum. If you wish the most

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Susiness College SIXTH STREET, PITTSBURG, PA. is the great college of Business Offices, where all

ary. Among the many instances Is the great college of Business Offices, where all the branchier of a complete business education are haught by Actual Business Practice. The only member from Penna of the 'Inter-State Busi-nes Practice Association of America." The stu-dent leants book keeping and business by en-gaging in husiness transactions. Practical Office Work and Bunking are specialties. Individual instructions from V.A. M. to 4 P. M. and from 7 to 10 p. M. The best advantages in Shorthand and Typewriting-the highest speed in the shortest time. Send for catalogue Call and see the students 'at work when you visit the Exposition. Visi-tors always welcome. illustrative of this barbaric trait in plants that have appeared in print, a very interesting one has recently been cont ibuted by an English observer, Mr. A. D. Webster, It relates to Arum crinitum, an old and wellknown Corsican plant, though in modern times it has been given the dreadful name of Helicodiceros mus-JAMES CLARK WILLIAMS A. M., civorus, the last, of course, in refer-

ence to its fly-devouring propensity. It is closely allied to the well-known -ELY'S - CATARRH Indian turnip, of our woods, but has CREAM BALM a fetid odor similar to the skunk-cab-CREAM : BALME bage, to which also it has relationship. Mr. Webster says the carrion-Cleanses the like scent is very attractive to largo Nasal Passages. Allays Pain ad HAYFEVER numbers of flies, which enter the spathe but never return. After being Inflammat.on, open for two days he has found as Heals Sore Eyes many as seventy-two captives without counting the smaller creatures. With Restores the a predisposition to believe that the Senses of Taste and Smell. USE insects were destined to act as agents USA

Try the Cure. HAY -ER A particle is applied into each nostrils and is agreeable. Price So cents at Druggists; by mail registered, 60 cts. ELY BROS, 56 Warren St., New York.

**ST. CHARLES** HOTEL

Charles S. Cill, Proprietor. Table unsurpassed. Remodeled with office on ground floor. Natural gas and incandescent light in all rooms. New steam

laundry attached to house. Mail and Express. Cor. Wood St. & Third Ave. An Episode That Brought Tears of Joy to Pittsburgh, Pa: train the other day was a woman very 1794. 1889. much overdressed accompanied by a Policies written at short notice in the bright-looking nurse-girl and a self-OLD RELIABLE "ÆTNA" willed, tyrannical boy of about three And other First Class Companies. T. W. DICK. the passengers by his continual shricks and kicks and screams and his vicious-FORT FOR THE ness toward his patient nurse. He tore OLD HARTFORD her bonnet, scratched her hands, and finally spat in her face without a word FIRE INSURANCE COM'Y of remonstrance from the mother. firmness the mother chided her sharp-COMMENCED BUSINESS ly. Finally the mother composed her-1794. self for a nap, and about the time the Ebensburg, July 31, 1882.



AND

The boy at once tried to catch it. The nurse caught his hand and said. coaxingly: Seltzer Aperient "Harry mustn't touch. Bug will It is certain in its effect gentle in its action s palateable to the a. It can be relled a to cure, and it cures bite Harry. Harry screamed savagely and began to kick and pound the nurse. by assisting, not by outrag-ng, nature. Do not take The mother without opening her eyes or lifting her head cried out Holent purgatives your-selves or allow your chilfrom to take them, always sharply:

Sick-Headache. use this elegant phar-maceutical preparation, which has been for more "Why do you tense that child so, Mary? Let him have what he wants DYSPEPSIA than forty years a public favorite. Sold by druggists at once."

"But, ma'am, it's a-" "Let him have it, I say." Thus encouraged Harry clutched at ESSENTIAL OILS. the wasp and caught it. The scream WINTERGREEN, PEPPERMENT, PENthat followed brought tears of joy to NYROYAL, SPEARMINT, &C. the passengerss' eyes.

which Scaman tells us the Fiji Islnone. Now we have a blacksmith and anders have when tempted to dine on a shoe-maker. That's an increase of their celebrated dish of roast mission-200 per cent., and I want you to find a town to match it. There has been no boom, however-remember that. It's just a natural growth." "What's the population?"

"That's one of the strong points in my new prospectus. A year ago was here alone. To-day we number twenty-two souls. Think of the tremendous per cent of increase! All legitimate and on its merits, and no boom to cause a rush.

"Are the future prospects flatter-

"Exceedingly so. This climate is good for catarrh and a check on bilusness. Our seasons are very mild. and a farmer can get sixteen hours a day out of the hired man. This is a great distributing point for trade, and the center of manufactures, and we shall seek to have the National capital removed here. We expect six railroads and two canals to cross here. large universities have asked for sites, and before the end of the year Congress will be asked for a public building, to cost not less than a million dollars. Flattering? 1 should remark. But we ain't doing any crowing about it. It might start a boom, and booms are the bitter foes of new towns. We want to grow on our merits as the coming city of the glorious West. If you write any thing for your home paper just put that in -all legitimate and solely on its merits, and no booms need apply."-N. Y. Sun.

PICTURES BY LIGHTNING.

A Wonderful Invention Which May Revolutionize Newspaper Art. "This is the machine that is to revolutionize newspaper pictorial art." explained Mr. Ginochio. "It is filled with clockwork and operated by a strong electric battery. Its mate is at the other end of the line. Now, you can write a signature or a letter, and it will transmit either, with the identical characters formed with your pen. But that would be nothing new. Autotelegraphy has been known for fully ten years, but this will carry out the auto-telegraphic idea to the fullest extent. You can write as much as you please-thousands of words if you like, as newspaper men and others frequently have to do-and this machine will chew it up-that is, transmit it-as fast as you can write. Indeed, the writing can be done on a continuous roll, and when a score of lines are written the top of the roll can be fed to the machine, while the writer continues filling up the rest, and without tearing the roll. It can be regulated so as to keep pace exactly with the speed of the writer, and by the time he has finished the machine will be on its last lap and will end its task almost immediately. The newspaper or other office receiving the matter will thus have it in the writer's own handwriting and within a few moments after it has passed out of his hands." "But how is it proposed to transmit pictures?"

"By the same method. The paper to be used will be washed with a weak solution of chloride of calcium, which will make it a conductor. The ink will be the non-conductor or insulator. The pictures will have to be reproduced with pen and ink at the point of sending, and with this as the only delay they can be transmitted without difficulty, every line and shadow being

we decided to let the Eagle sail as usual

"I got information that a white man had married his servant. I should have asked the road it came from, but I forgot. I unfortunately concluded it was a black instead of a white girl, and so the Eagle head-line said: 'A White Man Marries a Nigger.' I got my third letter the following morning. It said he would not come into town after me, but would just watch the road for a chance. With only one road left things looked blue.

"The next week was election week, and so we decided that the Eagle must show its wings. The big canvass was for sheriff. I wrote the article carly in the week, but was just waiting for returns to head it. I poked my head out of the window of my sauctum and heard from the multitude in a loud voice: 'John Ballot's got it!' I called back to the press 'Head it that John Ballot got it.' The boy got that, but in the confusion from the outside he also got it 'in the neck. The shoriff sent me a letter, but I was not there to open it. 1 took the Eagle's wings and left Sink behind. When I landed I had not one bit of newspaper in me, and ever since I have been a happy man."-Memphis Appeal.

# Two Wonderful Watches.

John Huntington and his son, W. T. R. Huntington, of Cleveland, own two of the best watches in the world. They are duplicates, and were ordered by the senior Huntington in 1881 in Geneva, Switzerland. He agreed to pay \$5,000 in gold for two watches that should combine every movement then known to the art of watchmaking. A description of one answers for both. The case is of pure gold; the works number 400 pieces. On the large dial appear four smaller dials. The one at the top shows by a diagram of the sky the changes of the moon, the firmament being of lapis lazuli, studded with golden stars. The next dial to the right shows the leap year, the tiny hand moving around the circle once in four years, and an auxiliary hand shows each month. On the dial at the bottom is a hand marking the quarter seconds, and one showing the day of the month. At the left, on the fourth miniature dial, is a hand pointing out the day of the week, and another the tide as it obbs and flows. Around the large diat, besides the usual hour and minute hand, moves a second hand and an extra horse timer. so arranged that the distance between two horses at the finish is accurately noted in quarter seconds. By pressing a button the past hour is struck on a deep-toned bell, one of a chime; the quarters are a more silvery note, and a rapidly tinkling companion gives the minutes. The watch is a stem winder, and one spring farnishes the motive power. Where there is friction the pivots are set in rubies.-N. Y. Sun. The Shermanites of Alabama.

In Leeds valley, in the vicinity of Birmingham, Ala., there is a colony composed of a religious sect known as the Shermanites. There are about one hundred families, and a happier, more contented people can not be found in the world. Their religious rites and ceremonies are peculiar. Who founded the society none of them seem to know, but it is old, as the fathers and grandfathers of the present generation were

rudged out under the old conditions. It is only the hopeless pessimistic soul, the constitutional and incurable grumbler, that does not recognize the blessings that have come with the march of invention. For all those, let it be borne in mind, we are indebted to the system that has fostered invention and secured to inventors the right to enjoy the products of their own brains and hands .- Inventive Age.

acts Concerning Railroads.

It is claimed that the fastest time on record was made over the Philadelphia & Reading railroad. The time was ninety-two miles in ninety-three minutes, one mile being made in forty-six seconds.

The chances for loss of life in railroad accidents in this country are one person killed for every 10,000,000 carried. Statisticians claim that more people are killed every year by falling out of windows than there are in railroad accidents.

The Canadian Pacific railway extends further east and west than any other road in the country. It runs from Quebec to the Pacific Ocean. The cantilever span in the Poughkeepsie bridge is the longest railway bridge span in the United States. Its length is 548 feet.

The Kinzua viaduct, on the Erie railroad, is the highest railroad bridge n the United States. It is 305 feet high.

The longest railway tunnel in America is the Hoosac tunnel, on the Fitchburg railroad. It is four and threefourths miles long.

The Atchison, Topeka & Santa Fe system operates more mileage than any other single corporation in the United States. It covers about 8,000 miles. - American Commercial Traveler.



By the new law, owing to the recent threatening aspect of the European situation in the East and the West, the standing army of Germany has been brought up to upwards of \$00,000 men -or 550,000, if the men on leave, liable to immediate recall, are added. In case of war this body can be brought up, by calling in the first reserves, to upwards of 1,050,000 men. For operative purposes a further addition of upwards of 1.810,000 men may be made through the landwehr. If the supplementary reserve were put on its legs this would give a further force of 1. 465,000. Total in round numbers, 3,-800,000 men. But if the landsturm also were called out nearly 6,500,000 men would be under arms! The prospect is a saddening one. At Germany's eastern flank, however, Russia professes to be able to raise an army of 10,000,000 men. On Germany's western flank France may call out more than 4,000,000. Being between two powers of historically aggressive character, Germany can not disarm before the others do, though the heaviness of the armor presses on her most weightily. It is for her a question of national existence or extinction .- North American Review.

#### ----Some Scientific Computations.

According to the recent computation of a German scientist a snail in one second moves .0015 meter; a man walking, 1.25 meters; a man on snowshoes, 2.95 meters; the swiftest river, 4; a balloon in a calm, 6.4; a sprinter,

### Selling Titles in France.

A curious fact is that in France a man can will away his title to any one whom he may care to adopt, just as he can a ring or a sum of money. Thus, some years ago, one of the proudest titles in France went a-begging. The old Due de Miromesnil was so poor that he offered to adopt and leave his ducal title to any man who would insure him for the rest of his days (and he was old) the modest income of \$2,000 - 10,000 francs. Oddly enough, the poor old Duke, whom ill luck would thus seem to have followed up to the last, found no one to bid for the proffered honor, and so he died in the most abject

penury. Were a similar transmission of nobility legal in England there are twenty members of the House of Lords who would gladly, for a handsome consideration in cash, adopt the most unsavory commercial "gentleman," and leave him all their honors. -Paris Letter.

# Ancient Iron and Steel

The oldest pieces of wrought iron now known are probably the sickleblade found by Belzoni under the base of a sphinx in Karnac, near Thebes; the blade found by Colonel Vyse imbedded in the masonry of the great pyramid, and the portion of a crosscut saw exhumed at Nimrod by Mr.

#### ----INGENIOUS INVENTION

#### An Apparatus Which Winds All Sorts of Clocks Automatically.

Otto Urban, in Gross-Kikinda, is well known as a first-class watch and clock-maker. He invented an automatic apparatus for winding pendulum clocks, which was much admired for its simple and practical mechanism.

It is attached to the clock on one side and to the door of the room on the other. A fine wire or a catgut serves as a transmission agent. By opening and closing the door the nechanism is made to work and the clock is wound. To keep the clock running for twenty-four hours it will be sufficient to open the door two or three times.

When the clock is fully wound the apparatus is stopped till the descending weight is allowed to recommence its work. Such automatic winding instruments do not cost much, and its construction can easily be made solid and faultless.

In Austria-Hungary the inventor has applied for a patent, but it seems his invention only comprises clocks running by weights and doors. There is an unlimited field for some young genius to combine French mantel clocks with the parlor sofa when the gas is turned down; kitchen clocks with the range door, the coal bin or the washboard; bedroom clocks with the front door latch and alarm clocks with the cats on the roof .- Jewelers'

# The Efficacy of Baths in All Varieties of

The most rapid and certain way of abstracting heat from the body is by the cold bath. Within a few years this has been extensively used in the treatment of typhoid fever. It is, however, by no means new. In 1777 Dr. William Wright, who afterward became president of the college of physicians, Edinburgh, was attacked with fever on shipboard. On the fifth day he caused himself to be douched with cold salt water, and continued this repeatedly for several days with the happiest results. A few years later (1787-92) the celebrated Dr. Currie employed the cold bath in 153 recorded cases of fever. Recent statistics compiled by Dr. Simon Baruch are simply astounding in their results. In 2,150 cases of typhoid fever, collected from

Weekly. , ----COLD WATER CURE Fever.

