## THE MODERN SAFE.

AN UP TO DATE FIREPROOF AND BURGLAR PROOF DEPOSITORY.

Manufacture-Looks With Simple Mech. anism That Are Extremely Hard to Open if You Don't Know How.

The latest burglar proof safes and vanlts are magnuasat specimens of skillful workmanship. Although the doors often weigh tons, they swing as easily on their higgs as a window shut ter. After the first great door is thrown back and displays its gluttering array of bright locks, its glass invased clocks and its smooth steel bolts there is an. other door almost as strong, with bolts and locks of its own. When this is open it reveals three other doors. The upper two are of this steel and have no licks. Only Induces and proves and to be perfected the attie packets or pigeonibules which they inclose.

Under them and shutting in the cash drawer there is the third door with its own lock and bolts. In this safe the size of the each repository bears about the same relation to the size of the whole safe as a numphin seed does to the pumpkin. And it is not only burglar proof but fiveproof-warranted, in fact, to stand for at least 75 hours the greatest amount of heat that any burning building could give it.

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The making of a safe of this kind is a complicated and expensive operation. All the stoel used comes in the form of plates from the works. After having the necessary screw holes bored in them they are heated to a high temperature and then tempered by suddenly immersing them in water. When they come out they are often a little twisted and warped, and have to be rolled cold and sometimes polished clear by a swiftly moving emery wheel. The noise of this operation is ear splitting and so rasping that a man with ordinary nerves can hardly endure it. When the plate is perfectly level it is transferred to another machine, where it is clamped tight, and an emery wheel shaves off the edges.

The plates are now put together, first one of hard steel, then one of wrought tron or soft steel, and so on until the necessary thickness is obtained. From the iron the safe receives its tenacions qualities-it cannot be cracked or brohen as easily as steel, and the steel imparts a hardness that defles the barglar's drill. The screws are also made of combined steel and iron. Each of them is only long enough to reach through two plates, and the screws which join the third, fourth and fifth plates to the first are never directly under any other screws, so that there is no chance for a burglar to bore down through a row of

## CLOSING SCENES OF THE WAR.

A Confederate Band Which Deserted In c Lody to Washington.

In the latter part of the month of March, 1865, Washington shy many signs of collapse of the rehellion. The Skilling Workmanship Displayed In Its' Confederate arry appeared to be badly de.goralized, and deserters, who arrived that men from Alabama, Georgia, Elor-

pected to have any heart in a fight album. This was the entry: which then seemed only for the defense of Virginia, while their own states were overrun by the similar of the Union. During the mouth of March more than 3,000 deserters were received at Wash ington, and great numbers were quartered at Fort Monroe, Annapolis and other points nearer the lines, where they were put to work in the quartermaster's department or in the naval service . One curiosity of the times was a Confederate regimental band which had doserted in a body with its instruments and was all wed to march through the streets of the national capital playing Union firs. This was one of the oddest signs of the final break up. People recalled a story, told by Hooker, that when the Union army scaled and occupied Lookout Mountain a robel sentry on duty on the crest of one of the most difficult precipices saw our men pile up in solid masses over steeps which had been thought inaccessible and was so

surprised that he forget to run, but stood with feet rooted to the spot, watching the Union force climbing up, and streaming past him, and driving the enemy far to the rear, until he was left alone, a statue of amazement. Recovering himself at last, he threw down his musket, stripped off his rebel gray jacket, stood on them both, and looking far off to the sunny south stretched, out as a map below him, said, "How are you, Southern Confederacy?"

But notwithstanding such indications of a collapse of the rebellion at this very time many northern Union newspapers led by Horace Greeley and others of his stamp, were demanding that appeals should be made to the southern people "to stop the flow of blood and the waste of treasure," and that some message should be sent to the southerners "so terse that it will surely be circulated and so lucid that it cannot be misconstrued or perverted," by way of an invitation to cease fighting. Curiously enough, the nearer the time came for a final surrender the more fervid was the demand for negotiation and appeal from the unreasonable radicals in the ranks of northern Unionists. But all this was soon to end, and while a small party was asking, "Why not negotiate?" the downfall came.-Noah Brooks in Cen-

#### Food Tin Cans.

In a recent government report by Dr.

### TWU AUTOGRAPHS.

#### Blamarck Saw Yon Molthe's Scutiment and Went Him One Better.

young German Lady of rank, passessed of great personal charms and singalarly winning manners, the daughter of a prominent politician, here if now a happy wife and mother, anco begailed constantly in large, numbers, reported Molthe, who was paying a brief visit to her father's country home in Silesia, ida and the Carolinas could not be ex- into writing comething in her autograph

## Luco verschie Wehrbeit besteht.

V. Morran, Feitharschall. Which in English would be: '

A lie must fall; Truth will provill.

The wily damsel now determined to bide her time until che should be able to match Moltke's dictum. When her family had again settled down in their Berlin quarters for the winter season. Prince Bismately called one afternoon, and she showed him har book calling his attention to what the great strate gist had written, adding artlessly: "Da you think the same, dear prince? Perment? And on the same page? Oh, thank you so very much! And may I send the volume to the Wilhelmstrasse?24 The chancellor next day returned the book, now a greatly treasured family possession, and this is what he had written beneath the contribution of his colleague:

Wohl weiss ich, dass in jener Welt Die Wahrheit stets den Sieg behalt. Doch gegen Luge dieses Lobens

Kampft sellist ein Feidmarschall vergebens V. BISMANON, Reichskappiler,

Very roughly Englished, the chancellor's lines might ran something like this :

In future worlds, beyond the pale, The truth is strong and thall provail. But 'gainst our mundano lies, 'tis plain, Field marshals oven fight in valn.

-Westminster Gazette

LAMPS THAT ARE CLOCKS.

They Were Commonly Used In the Sov enteenth Century.

Of the various examples that have been given of early specimens of the clockmaker's art not the least interesting are the several types of lamp clocks. One of these was of a kind quite common in the coventeenth century and consisted of a lamp burner placed at the base of a glass oil receptable mounted vertically on a snitable standard. The oil reservoir had attached to it a scale, facing the barner and showing the hours, beginning at 4 o'clock in the afternoon, at which time the lamp was to be lighted in winter, and ending at 7 o'clock in the morning. The lamp be- in the cestasy of his attention-perhaps ing lighted, the gradually descending lovel of the oil, as combustion proceeded, marked the hours.

The other device, of later origin, dating back to the b **INTLING OF** 

#### INDIANS AND THE RAINBOW.

The Zunie Think the Bearenty Phenomenon Embodies the Form of a Destant. Contain Trovitt W. Okry of Los Angeles, Cal., for many yrans statictard in Artrana and New Mexico with this ag-alar ariny, told about the myths and superstitions of the Zani Indians to a "he the 2mi mind," said be, "Hid minhow has over been a defied animal. having the attributes of a human being and also the hady and some of the Landout in hold rollof. tions of a measuring worm. Obviously the striped tack and exched attitude of the measuring worm, its sudden of Fearance and disciplearance among the leaves of the plants which 4: inhabits, me the analogies upon which this personaleation is based. As the measuring would

consumes the herbage of the plants and under the influence of which plants wither away, as they do under the raynges of the measuring worms.

"It will be seen that the visible plie nomenon called thorainbow gets by analory the personality of the measuring worm, while from the worm in turn the minbow gets its function as a god. Of this the cessation of the min on the anpearance of the rainbow is adducted as proof. The fading of the flowers is attributed to the rainbow, which, consuming their imperceptible existences, thus derives his brilliant coloring, just as it is bolieved that the measuring worm gets his green, yellow and red stripes from the leaves and flowers which it devours.

"The influence of this union upon the Zani mind is to place the rainbow among the malignant gods. It is frequently painted on war shields and made a demon to be propitiated, yet shanned. When a rainbow appears in the sky, the Zuni Indians and those of many other tribes turn their backs upon the beautifal sight and covertly improvate the unfriendly spirit."-Now York World.

"THE BRACELET."

It Was Beautiful Until It Became & Re minder of His Doubt.

"Hero," he said, "Is a bracelet. Wear it always, that like our love it may prove endless and unbroken in its circle." And from a silken case, in which the name of the goldsmith glistened, he drow the pledge of their new affections. She stood before him, radiantly palpitating, as it reamed to him with the pleasure of so rare a trinket. The diamonds lost their inster in the rapture which her flashing eyes conveyed. Holding her hand, he was adjusting the gift to the flexible wrist into which "I must tell you, and yet why should mysterious magio-so the jeweler tells nie, and yet I can hardly believe itthrinks about the wrist of her who over the use of her hand, which then hange limp and lifeless, in token of her perfidy."

How to Mtch Mgga.

There ares many ways of coloring and ornaumiting Laster vyra A simple way in he sew them my in bighly rolored prints before holling. There is one war to eneravo est shells. Take an egy duat has been blown and stop no the ends with war. Then write or draw any desuperstitions of the Zani Indians to a finite desired with variable or tallow the following: group of friends at a Brandway hotel fign desired with variable or tallow the following: one evening. wine gan In a little while the acht will of the showophical, mey decompass the line in the shell, except whith New York is the 70 where the lines are amiked by the ver- instinan and persons nish or full my and the latter will stand jects may be suillated; the

A standing of the standing of boundary and the standing of the standard of the circum trike in the Concisus. Min of Sugla young man dies some one who who dent for his natural itte. has called to the graves marriageable light provided that the daughter is the course of the year calls shall be made by Mr. Judge and the

Till give you my disardity, and you kin a t through thall deliver to no the marriage portion The silent of a in return.

In return A friendly offer of this description is and the convertigen stores nover reserved, and the two particle florn. Dr. J. Buck of soon come to terms as to the assault of elected president. L A. Nore the dowry, which varies according to New York, treasuer, and the advantages presessed by the kiel in committee consisting of C. A. her lifetime. Osca have been known where the round man's father has given as much as 30 conta ta contro a dead wife-for his deal son.-Buch for Alle."

THEOSOPHICAL DOOR

BOSTON, April 20. -The

session of the annual

in this city, Heve J. D.

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upon the le reaved parents and a pair to member half le made by convente Tour son is sure to mant a wife, member has right to believe in

a your. Thin President Wade to H. Paper, Dr. Hitchman, T. R. Pa

Dr. Anderson and F. L. Ble Subscribe for the Journal





causes them to dry up, so the raindows which oppears only after the rain, is supposed by the simple minded Indian to cause a crossition, of rain, and cancemently to bo the originator of droughts,

screws. The plates are also drawn very close together, for if any space was left between them a safe blower might succeed in getting his dynamite into it. Between the interior and exterior

walls of the safe a large amount of hydraulio coment, combined with other ingredients, usually according to a secret recipe, is packed solidly. In case of fire the theory is that the water in the cement-about 48 per cent-will, owing to the heat of the outside covering, become steam, partially, at least, and be driven close to the inner wall. Here it will remain and furnish a blanket impervious to heat. All the bolts are cylindrical and from an inch up to two inches in diameter.

Combination looks are now used exclusively. The mechanism of most of them is extremely simple. In one lock there are a number of round brass disks or "tumblers," each pivoted at the center on a small shaft which runs through the safe door and connects with the lock knob. Each tumbler has a slit in it just the size of the steel arm which controls the bolts and reaching nearly back to the center. When all these slits are together and pointing in exactly the same direction the arm slips into them and the bolts can be thrown. But if the slit in a single one of the tumblers is even a thousandth of an inch out of line the arm will not slip back. The disks are set a short distance apart and small scrows with big heads are fastened at random over them. As these strike together in turning the tumblers whirl, and a man might turn the lock knob a thousand years without once getting the slits in all the tumblers together. But the man who knows just how far to turn one way and then how far back again according to the combination numbers has no trouble at all.

The combination and numbers are easily changed by changing , the screws in the disk. Many of the best safes and vaults are now being provided with time locks. Two and sometimes three clocks are inclosed in glass cases just inside of the safe door. When the door is locked, no one can open it again until the clock hands have traveled the set distance around the dial and touched a liftle trigger which releases the bolts. More than one clock is used, so that if one runs down the others will go on and perform their duty. In the big banks the vaults are closed about 5 o'clock in the evening and set to open a little before 9 o'clock in the morning. It is a general impression that an expert burglar can open a combination lock by listening to the olicking sounds, but deal, ers say it is not possible for any one to do it. If a safe owner forgets his combination, the safe has to be bored into. There is no other way of opening it .-Chicago Record.

#### The Next Best Thing.

The robber presented his glittering pistol.

"Have you a vacancy in your book keeping staff?" he domanded. The president of the bank shook his

head. "Well," the outlaw sighed - he

was palpably chagrined-"I'll have to be contented, then, with what cash you have on hand." Stealing \$17,413.18, he left the place.

-Detroit Tribune.

H. W. Waley it is stated that in Ger many the law requires that the tins emnot contain more than 1 per cent of lead, while in this country there is no restriction whatever in regard to the character of the tin used, the result of this latter fact being the employment of cans in some cases containing as high as 12 per cent of lead. This practice provails, notwithstanding the unanimity among physiologists as to the effect of lead salts upon the human system, the continual ingestion of even minute quantities of lead into the system being followed eventually by the most serious conseother trying diseases well known to physicians being the direct effects of continual exposure of the system to any such minute portions of lead salts. It is said to be possible to exclude the latter by requiring that the tin shall not contain more than, say, 1% per cent of lead; also that the solder be as free

from lead as possible. In Germany the solder made use of in sealing the cans is not allowed to contain over 10 per cent of lead, while in this country the analysis of numerous samples of the solder applied shows that it contains fully 50 per cent of lead, in addition to this being the lack of care to prevent such solder from coming into contact with the contents of the can. and large surfaces of solder on the seams are often found exposed to the action of

the acid contents of the can. Tourists' Gold In Italy.

#### At the British embassy to the king of Italy a calculation was made some time. ago of the amount of gold brought by travelers into Italy every year. By far the largest number of these travelers. come from England and the United States. The calculations made it evident that no less than £20,000,000, or \$109,-000,000, are brought into this country and left here by these travelers. In the scantiest years that sum bas not been less than £14,000,000, while on other occasions it has risen to £22,000,000. Mr. Stamer, a writer on Italy, relates that an old woman in Sorrento once told him that the people in England had no san, because the English had told her time and again that it was not for society they had come to Italy, but to see the sun. Besides all the English were fair and ruddy. If they had had a sun, why were they not all sunbarat? If they do get sunshine in Italy, as they do, they pay very sweetly for it.-Rome Letter in Baltimore Sun.

#### Advice From the Gallery.

Of the Dublin gallery boys a famous baritone, in his reminiscences, tells some facetions tales, one of "Faust," in him and to picke him on his nose, which he played Valentine: "After the duel. Martha, who rushed in at the head of the browd, raised my head and held me in her arms during the first part of the scene. There was a deathlike stillness in the honse, which was interrupted by a voice from the gallery calling ont, 'Unbatton his weskit!' "-Dublin Herald.

#### Suggested by His Helpmate.

Mr. Billus-I've had a roaring in my head all day. I think I'll consult a doctor about it.

Mrs. Billus-Hadn't you better consult a wheelwright?-Chicago Tribane.

o meecu century, utilized the same principle. It | tapered her well rounded arm-its akin ployed for holding canned goods shall consisted of two communicating oil seemed whiter now, as if expressive of chambers, superposed by a clock dial to much parity about to receive the In one of the chambers was placed a binding parnest of his words. in the other was suspended a float from a cord which passed around a small pal- 11 This bracelet, by the touch of some ley. The latter was monnted on a horizontal axis ending in the center of the dial. The float of course descended as the oil was consumed and carried the proves intrue, and its wearer loses forindex hand along with it, thus making the hours precisely as in the case already cited. At their best these timepieces could have had only an indifferent dequences-painter's colic, lead palsy and stee of accuracy, yet they probably served their purpose well and certainly are interesting at the present time as illustrating some of the expedients adopted by mechanicians of an earlier period -- Cassier's Magazino.

#### An Independent Lawyer.

A lawyer, with his olient, called one day at the office of a gentleman who is considered to be one of the leading men. of the Philadelphia bar. The lawyer had an important, case, and the wanted to take the legal big gun in as advisor. He explained his business and said he and the client would be back in the afternoon. "I won't be here then," said. the legal giant, "I have an engagement at 3 o'clock, and I won't be here after that hour." "But there is a \$5,000 feein this for you," explained the younger lawyer. "Can't help it. I won"; be here. You will have to come tomorrow. \*\*

"But my client can't come tomorrow.'

"Well, I can't break my engagement," said the senior. After some further talk it was agreed that a meeting be held that night. That afternoon, having nothing else to do, the young lawver and his client went to a ball game. The first man they saw inside the grounds was the great lawyer, who was hurrahing for the "Phillies" with all the viger of his lungs. That was his important ergagement: Needless to sav the lawyer's practice nets him enough money each year to make him independent.-Philadelphia Inquirer.

#### Old Time Foolball.

Football has never been a very gentle game, to judge from what Master Stubbes says about it in his "Anatomie of Abuses," published in 1583: For, as concerning football playing, ] protest anto you it may rather be called a friendly kinde of fight than a play of recreation, a bloody and murthering practice than a sport or pastime, for dooth not every one lye in waight for his adversarie, mosting to overthrow though it be on hard stones, so that by this meanes sometimes their necks are broken, sometimes their backs, some times their legs, sometimes their armes, sometimes one part thrust out of joynt sometimes another : sometimes the noses gush out with blood; sometimes their eves start out.

#### Servia

Servin is thus called because it was originally inhabited by the Suedi, or Suevi, who located there, designing to remain, but were driven out toward the north by other tribes, and finally made their way to Sweden

"Surely," she answered, "you cannot wish to put me to such a test as this who need none. I should wear it were it not to me but an cternal reminder of your doubt, each diamond but an eye to watch-and it is much too gandy. A plain ring will do for me."-Philadelphia Press.

#### Indigment.

There used to be an old porter at a certain Irish railway station who was more remarkable for independence of character than attention to his duties. On one occasion two of the directors were traveling over the line and noticed that the name of this station was not called, the neglect being the more serious as it was a function. This was made the subject of complaint, and old Charley, who was the dolingment, was promptly brought to book and reprimanded

He was very wroth that any one should find fault with him and thirsted for revenge. So, keeping a lookout un. til he saw the directors on their return journey, he stood opposite their carriage and shouted in a stentorian volcor "Cookstown Junction! Change here for Randalstown, Castledawson, Maghcrafelt, Moneymore and all stations on the Cookstown line, and don't say, ye blaggards, ye weren't towld !"-London Answers.

The Best Signal Light System. The best night signal lights are those invented by Lientenant Very of our navy, and named after him Very's signals. The consist of a white, a red and a green star, each fired into the air from a pla tol, so that by firing one, two or three of them in quick encreasion and in different orders, with a pause between the groups, different letters or signal numbers can be made until a seutence is complete. They can be easily read from vessels 12 miles away. St. Nicholas

HOId Kentucky Home Market Service "Old Kentucky Home" is the twen tieth song in Foster's book of plantation melodize, though when and ander what oircumstances it was composed cannot be exactly stated. One writer on musical curios says that it was suggested by an allusion that Foster heard a slave make to his former home in the Blue Grass

The "Colestial Empire," referring to the domain of China, has a significance in the Chinese legend that the early rulers of that country were all deities. Popo's features were small and dollrate. All his life, he was very pale and looked sickly.

In 1286 a hen was bought in Paris for Deany.



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The crouplers of Monte Carlo have a school of gambling in which they looks a the free and consolities the general the matter ods of informing the boards and paying the stakes readiness in redoning and in dealing and shuffling the oards and so on. Most of them come from Alsace.

Venemela means "Lattle Venice." The early explorers found the native living in houses placed on piles in the

In 1889 the first pressuries water go was taken out in England by Craich abanka.

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