

## HOW TO BREAK A VAULT.

OFFICIAL INSTRUCTIONS TO AM-BITIOUS BURGLARS.

The United States Government Publishes Book Which Gives Many Pointers on the Subject-Bankers are Indiguant and Think the Volume too Previous.

According to the organ of the New York bankers, the book recently sent out from the government printing office entitled "Report of Special Commission of of Experts as to Means of improving Vault Facilities of the Treasury Department" is a dangerous volume to place in the hands of expert thieves. It is admitted, however, that the same objections urged areagainst the teaching of penmanship as a possible means of avoiding forgery.

better title for the book would be the one "Red" Leary would give it were he alive. "The Safe Cracker's Handy Guide." One gentleman, who in his mind's eye sees the vault of the bank over the destinies of which he presides blown to the four winds, utters this plaint : "It is easy to fancy the delight Mr.

Leary would experience in turning over the pages of this unique publication. Problems in the art of blowing open sates which, in his day, were extremely difficult of solution, would now, with the aid of the copious illustrations, appear to him ; so simple as to be mere child's play. # It is safe to say his fingers would itch as he read the complete details, illuminated with diagrams, as to how the government experts tore apart the latest and most burglarof vaults and sates."

Certainly it was not the intention of the government officials to establish a school for the instruction of bank burglars. It was for the purpose of discovering how; to strengthen the treasury safes that a comvulnerable features dilated upon, and the best method of cracking it carefully given that the knights of the jimmy are keeping with complete diagrams.

The government experts assure the buding buglar that there are three methods of safecracking recognized by the regular school. They are, in the order of their

feasibility : 1. Drilling or otherwise penetrating the

walls of the safe or vault, or its doors, and thus obtaining access to the locks and bolts and then, very generally opening them from the inside.

2. Stripping the wall of its covering, layer by layer, tearing off the steel and the iron sheets, one by one, until the interior is reached.

3. Exploding gunpowder, dynamite, or nitro-glycerine in some parts especially easy of attack by this means, and thus destroying the locks, tearing open a door, or actually breaking into the walls of the structure. Powder is sometimes blown in-Indignant bank presidents say that a to the crack left by imperfect construction about the door, and between it and its frame or jamb. Nitro-glycerine is often run in

the same crack, where not absolutely tight, and flowing as freely, when warm, as water it finds its way in considerable quantities

If the burgular has not had much experience, and is in doubt which method to use. the book comes to his relief. It tells him in these words that, if he has ample time at his disposal, the first plan is the best: "Of these several methods of securing and surveyed, and measured, and manipuentrance into the safe or vault, the first, because of its comparative freedom from noise or jar, is the favorite where practicable, and where time is given for its slow and usually certain operation."

If the burglar is timid, and hesitates, the book gives him encouragement. It assures him in simple language that "no one of the constructions now in the market and recognized now as standard can be asserted to be absolutely burglar-proof.' In a number of Chicago banks there are

strong little safes with screw doors. These are warranted to be absolutely burglar ciput. The most extensive head they proof. The experts of this government could find upon a savant gave a cubic give full instructions for opening any one of capacity of 1,800 centimeters only. Bisthem in thirty-eight minutes. They did | mark's goes this 165 centimeters better. the trick themselves and know whereof | Coming to weight of brain, Kant, Dante they speak. It was their twentieth experi- Byron, Cuvier-none of them are in it mission of experts was appointed a ment and they first introduced about 1-100 with the Chancellor. Cuvier carried 3 of an ounce of nitro-glycerine into two of pounds 151/2 ounces in his brain-pan. Bisthe boltholes in the door. Then they put | marck puts up 4 pounds 1 once avoirdupois. thought that the best way to learn how to make sates was to find the defects in those already in use. So two years was spent in burglarizing "burglar-proof" safes. All outer plate to spring away from the second, | exactly-and he was deat, dumb, daft, and charge of nitro-glycerine could be easily a Scotchman. poured between the plates. It this way some were banged open. All processes the government experts blew off nine of were carefully described with phototgraph s the plates of the door in succession, without making noise enough to disturb a mouse. That this process is a success the officials of Franklin Grove, Mo., can testify. The government report had not been out a fortnight before a burglar of literary attain- bicycle, "has a rugged, terse, Anglo-Saxon ments had yanked off the door of the sound to back up its claims with." Perhaps. Franklin Grove sate, and enriched himself So have many of the "words" of Jabber-

open by means of a pocket battery. This ONE OF THE JAMES GANG is a very ingenious device, which shows

FRANK THE REFORMED OUTLAW pace with civilization. Photographs Nos. WAS SCARED ONCE. 15 and 16 in the book illustrate the "before and after" of modern safe burglary by Pursued at Night by a Herd of Mulesthe most approved methods. In photo-The Desperado Mistook it for a Troop of

graph No. 15 a gentleman with a long and populistic beard is depicted kneeling on Cavalry and Acted Accordingly-The Story in His Own Words. the top of a large burglar proof sate. The I once met Frank James, says Col. Thomsafe is tied about with several coils of son of New Orleans, in a Chicago paper heavy rope. A wire terminating in a button held in the right hand, leads to a batand in the course of our conversation asked tery in the hip pocket. Another wire leads him if he was ever really scared in any of from the battery down through a hole drilled in front of the safe. The expert the closest places during his career. I wanted to find out even in the most desperseems to be in a state of meditation. Photograph No. 16 shows the condition of the ate places if the courage of a notorious outunfortunate burglar-proot sate after the law ever left him. "Well yes," he replied. long-whiskered expert pressed his little Very frequently I worked a big bluff when button. The safe door has been blown I was pretty badly frightened, I can assure off, exposing the inner workings of the you. I have always had associated with steel structure. This safe weighed six tons and cost over \$3,000. It was opened me men that were the most arrant cowards you ever saw, and yet they could put on a

> bold front and intimidate the most courageous. Courage frequently consists in making the other fellow believe you are the better man.'

Frank James has the appearance of a sculptor, Schaper, who executed the statue of Bismarck at Cologne, was privileged to plain, or dinary-looking business man, and be on more familiar terms than anybody the desperate outlaw look that is depicted now living, probably, with his sitter's head. He had that head in his bands for days, upon his countenance by the fiction writers who have chronicled his daring deeds is lated it to his heart's content. The results totally absent. I have seen him on several of his observations and mensurations he occasions, but never met him but the one subsequently placed at the disposal of science, and science has proceeded to intime. He always dresses modestly yet neatly and seldom refers to his past careerstitute comparisons between the Prince's head and others-not only in point of size, never without the greatest reluctance. He but in point of brain weight also-very has a cold, steel-gray eye that is as penegreatly, as may be imagined, in the man's trating as when he rode unmolested and favor. The Bismarck head measures 212 spread terror through the very mention of and 170 in millimeters. This, it appears, his name. He said that he had been misis colossal. In Baden, where heads run big, out of 2,500 they measured only one represented more than any man living, and ran to 206 millimeters from forehead to octhat the authors of the 'Life of the James Boys' were very reckless in attributing to them deeds that were unauthentic and which he had no more to do with than I had.

is today a good, law-abiding citizen. He was on came to their aid. He sniffed the was thoroughly tired of his wild, hunted, his lungs, and gave vent to one of those roving life. He is a dead shot, but is long drawn efforts at a bray that only a thankful he does not have to depend upon his unerring aim and weapon to live now. I remember one instance he told me of of the beast by sticking both spurs into his where he was badly frightened, and I will | side. I would have preferred sticking a as I can remember.

meeting again at some point further north. When I reached Columbia I found my horse pegged out completely, and I looked about for another mount. I looked through several stables, but did not find one, and finally I struck a shed containing a lot of mules. They were nearly all young ones, but one was an old, gentle fellow, and in order not to make any noise and alarm the people and to get away as quickly as possible, I saddled this old mule and struck. out in the darkness for tall timber.

I had ridden about two miles when I fancied I heard a body of horsemen sp. proaching. I could not tell whether they were soldiers or not, and I was not certain but our presence in that section was known. Anyway, I was not in a humor to fight a to hold out against such odds had I been | suppose that some one up in muleology inclined to show fight. I listened, and the noise grew plainer, and the horsemen were apparently within half a mile of me, and approaching steadily and rapidly. There was no fencing aloug the road, and I turned my mule into the brush to await developments. I was out of sight in the bush, and had hopes the cavalry would pass by me unnoticed. I waited anxiously, and I must say I trembled with fear and determination, as I sat there on my old mule waiting the horsemen. I did not dare to the roadside, after their scouting trip, strike out further in the brush, as the coun- to rest, and had fallen to sleep, picket and try was new to me. In a few minutes they all. As I came galloping down the road I were within a few hundred yards of me. A moment more and they were at the point where I had left the road. I waited breath- | lives. They evidently did not know my lessly. The suspense was terrible. I must fight this troop single-handed or be captured in case I was discovered. I could not see had another good laugh as the Union cavthem in the darkness, but from the noise alry detachment were dashing off toward made from the hoot beats I judged that the main body. I proceeded on my way there were at least fifty men in the party. "They stopped at the point where I turn-

ed out of the road, and I imagined they were holding a consultation. I was sure I was discovered, and I thought I could hear a the same troop, with the addition of mywhispered conversation. I contess I was self, put to route a detachment of a dozen startled and did not know exactly what to Union cavalry?" do. A few of the horsemen started in the

Mr. James has thoroughly retormed and direction of me, and then the old mule I

dismount and get into the brush aboot, giving me a chance to hide and let the pursuers pass by me unnoticed. Some of them passed me within twenty-five yards. The pause gave my mule a chance, and he emitted another energetic bray, I was angry enough to have shot him at the moment. In a second the whole woods were alive with braying mules. I never heard such a serenade of nightingales in my life before. The whole party of pursuing horsemen rushed upon me, and I was nearly carried off my mule by the rusb. I had not yet dismounted-and it was a good thing that I had not, as I would have been trampled to death. I was surrounded by-instead of horsemen, as I had supposed-a herd of young mules. There was not a rider among them. I had left the door of the stable unfastened.

"How in the world those mules followed me I do not know, as they were the pack company of cavalry and was not prepared of young mules that I had left behind. I can explain—but they beat the average bloodhound. I lay down on my old mule and had a hearty laugh over the ridiculous situation, and then I started on my way, and my mule cavalry. I was the general, and they all obeyed orders well, as the only general order was "Forward, double time." I had not gone many miles before I ran across a detachment of cavalry-not over a dozen, I think. We were on them before they knew it. They had camped close to beard them hastily mount. and leaving their blankets, they made a dash for their troop, and were of the impression that I had been when the mules joined me. I with my mule troop, and finally reached Quantrell.

"This was my greatest scare-and do you blame me for being frightened when

(Reina Victoria extra) cigars 10cts.

conple of ve rs ago- This commission thought that the best way to learn how to makes were experimented on ; some were blown open; some were fired open; and in the book which is worth its weight in gold to an up-to-date bank thief.

It does not conduce to easy sleep for the president of a bank to know that the government has placed before his natural enemy a picture and description of the iron box to the extent of \$25,000, while the janitor wocky. But no silthy tove in any tulgy in which his treasure is stored. He becomes | slept next door. more nervous when he knows that the con-struction of the safe is fully explained, its ment book showing how safes are blown wocabulary.—New York Tribune.

in three hours.

"Sonadora" cigars, 15cts. or 2 for 25cts.

Big Brains of Great Men.

The famous and fitly named German

"La fayette" (Reina Victoria) cigars 5cts.

## Bike is a Bad Word.

According to the St. Paul Globe, that verbal monstrosity, "bike," meaning a wood ever chortled in his joy over a wood

.

Columbus, Tenn., during the war, said he.

Jesse, one or two of the boys, and I were working our way northward to join Quantrell, who was hatching a plan to go t) Washington city and capture President night altogether, and before reaching Ccpossibility of capture, with the intention of | n order to dismount, thinking that I might

air, and raising his nose in the air, filled true-blooded Rocky Mountain nightingale can give. I was betrayed by one of my own camp. I cut short the sorrowful song tell it to you in his own language, as near dagger in him, but that would not lessen my chances of escape. The mule plunged headlong into the darkness, and I was de-

but I felt I was in a tight place and determined to sell my life dearly.

The party followed me, and appeared to spread out, and, I thought, were evidently surrounding me, leaving no avenue of es-Lincoln. We had been travelling by cape. I saw that as long as I rode that for \$2.50, and is manufactured only by the mule I was giving my pursuers an indication of my whereabouts, and I decided to use a lumbia separated in order to lessen the little strategy in my movements. I halted,

To Overcome Weakness. Very many persons complain of "spells of weakness." This is especially true of the weaker sex, and during the sultry summer season. The condition indicates of course a poor state of health. It may be overcome by a timely course of Hawker's nerve and stomach tonic, which is especially adapted to such cases. It restores healthy digestion, and stimulates all the organs of I was pretty badly scared one night near Columbus, Tenn., during the war, said he. headlong into the darkness, and I was de-termined to give my pursuers a race. Not a word was said and not a shot was fired, rebuild the wasted tissues the parameter system is invigorated, and instead of weakness there is the proud consciousness of health and strength. Hawker's nerve and stomach tonic is sold by all druggists and dealers at 50 cts. per bottle or six bottles

Hawker Medicine Co. (Ltd) St. John.

N. B. and New York City.

"Creme de la creme"