

PUTS BORDER ON PHOTO

Printing Frame Which Makes Por trait Look Like Engraving-Any Amateur May Acquire Effect.

Much of the ingenuity of the photo graphic artist is directed to the end of getting away from photography Under ordinary circumstances, the camera makes such a sharp and disthat image, reproducing every line and biemish with such unerring accuracy that the result is regarded as offensive and in violation to the traditions of art. So the worker with the camera resorts to various means of relieving the picture of this accusation, endeavoring to make the pio



A Border on Photograph.

ture appear as some of the many forms followed by artist such as engraving, the tone of the engraving make the photograph resemble an engraving, the tone of the engraving ink is imitated by modification of the developer and the desired effect is further heightened by printing the picture in the center of a large sheet with a border tint surrounding the sicture and a margin of white paper. This art was known for a few workers who improvised and devised the means for securing this effect, but there has been recently invented a printing frame by which this is ac complished in a very simple manner. Thus any amateur may now obtain the effect which has been formerly the exclusive property of a few professionals.

PHASES OF AN EARTHQUAKE

Seismograph at Messini Indicates Pos-sibility of Warning Given Be-fors Big Shock Arrived.

In the subterranean chamber of the fessial observatory a seismograuh hade a most interesting record of the

BLIND MAN IS MADE TO SEE Extraordinary Operation by Which Sight Was Restored to Miner Whose Eyes Were Shattered.

The following description of a won derful operation which restored the sight of a miner named B. Cahl, who was totally blind for over a year as the result of a mine explosion, has been given by one of the surgeons of the Royal Ophthalmic hospital in London, England:

"When the patient first came to the dospital the right eye was totally destroyed, while the left one was intensely inflamed, and the cornes, or projecting front part, was dotted with fragments of quarts blown into it at

the time of the explosion. The capsule of the lens had been torn by other jagged particles of rock and the whole lens had been absorbed Only the capsule remained to separate the fuld in the ball of the eve from the tris, or colored screen which surrounds the pupil.

"The first treatment consisted of picking out the quartz particles, some of which were embedded even in the muscles which rotate the eye. Then the irritation was reduced by lotions. The greater part of the cornea was opaque, on account of old scar tissue, the result of the early inflammation, but a fairly transparent part was selected, and a portion of the iris, or screen behind this, was then out away. so as to let the light fall on the sensitive retina, or lining of the back part of the eye.

"As the man's natural lens within the eye had already been destroyed. he now has to wear a glass iens before the eye to make the entering rays of light focus correctly on his retina. His range of vision is limited, but he can read the finest type easily, and instead of ending his days in an institute for the blind, he should be able to earn his own living at some employment which does not make too great a demand on the eyesight."

HANDY ON TALKING MACHINE

Attachment Holds Needles and Baves Trouble of Changing on Every Record That is Played.

One of the little steel needles used on a talking machine is worn out on each record and a new needle has to be inserted each time. A Pennsylvania man has invented an automatic magazine needle holder which saves all this trouble by holding about a dozen needles and turning a new one down for each record. The holder is a disk with grooves in for the insertion of the needles and a plate to hold them in place. A thumb-

ington Square, in New York, and he

NEW NEWS of YESTERDAY By E. J. EDWARDS

First of Submarine Cables

Colonel Colt's Invention That Antedeted That of Samuel Morse, but Was Dropped for Manu-

facture of Revolvers. Not long ago I told the story of

how General Zachary Taylor unconsciously made the revolver popular after its inventor, Samuel Colt, had failed to induce the army and the pubwith his mixture, encased the whole lic to look kindly upon the new in a lead pipe and sunk it beneath the weapon Colonel Colt always gave waves. This was the first submarine

"Old Rough and Ready" full credit telegraph cable laid; so far as transfor making the revolver a commercial success, and to his intimate friends he sometimes declared that it was General Taylor, also, who perhaps kept him from being known to fame as the inventor of the transatlantic cable. One of the friends to whom he thus expressed himself was Marthen a transatlantic one. shall Jewell, who was a fellow townsman of Colt's, in Grant's cabinet as postmaster-general, before that minister to Russia and twice governor of

Connecticut, and, like Colt, for many years one of the leading manufacturers of Connecticut.

"When the country was going wild over the laying of the first Atlantic cable," said Governor Jewell, "and over the exchange of messages between Queen Victoria and President Buchanan, Colt told me that a number of years earlier-at about the time when Profesor Morse was perfecting his telegraph system-he conceived the idea that it would be pos-

sible to lay a telegraph line upon the bed of a river or along the coast that would be successful, and he further more was of the opinion that there was nothing in science which stood in the way of laying a telegraph line upon the ocean bed from continent to continent.

"Now Sam Colt was a man who. when an idea occurred to him involving invention and experiment, never let it lanse unless he had tested it and found it wanting. So he had a good many talks with Professor Morse in the latter's little laboratory on the top floor of a building facing Wash-

learned from Morse that the great obstacle that stood in the way of a submarine telegraph line was inabil- ogre, a man dominated by ferocity of ity to secure an insulating medium. "That statement was sufficient to one of the most rabid of all the proset Sam Colt at work experimenting slavery Democrais of the north, and to see whether or not he could find as United States marshal for the some inexpensive material which southern district of New York, to would serve as an insulator to a which office he was appointed first by telegraph wire under water. He made President Pierce, be bent his enera good many experiments. Rubber was gies to running down fugitive slaves

conductor, and put it around a wire, plans, they might have been successprotecting the whole with asphaltum, ful. Sam Colt to the day of his death always held that they would have and then carried the wire thus insulbeen successful; and he likewise alated through a lead pipe, he would overcome the difficulty. ways believed that Cyrus W. Field got "This scheme of insulation worked his first idea of submarine telegraphy

from the little cable that was laid by perfectly in the laboratory; and Colt Colt in New York harbor back in procuring a wire long enough to stretch from Fire Island to what is 1843."

now Coney Island, N. Y., insulated it (Copyright, 1911, by E. J. Edwards, All with his mixture, encased the whole Rights Reserved.)

Story of a \$50 Bill.

A most charming Philadelphia wommission of electric signals was conan came to New York for the day and cerned it was successful, and Colt. her husband handed her a fifty dollar after the Morse telegraph had been bill for tips and small change, relates proved a commercial success a year or two later, determined to develop the New York Telegraph.

At the station in Philadelphia she the submarine cable commercially. left the Pullman to buy a periodical, first by laying short ocean cables, and leaving her bag careleasly on the seat. There was another woman oc-"But, 'curiously enough,' as Sam Colt used to put it to me, just when cupying the adjacent chair. Upon her return the Philadelphia woman opened he was all but over the preliminary her bag and found no fifty-dollar bill. work, General Zachary Taylor, then

fighting the Mexicans, sent in to him She made no accusation, but when the other woman fell asleep she quietan order for a thousand revolversly opened her bag and abstracted the which Colt had ceased to make a number of years before because no one MD

In New York they bowed amicably would buy the weapon-and Colt. seeing a splendid business chance in | and parted. When the Philadelphian Taylor's order, at once set to work to returned home her husband asked her fill it, the result being that a large if she had enjoyed the trip. demand soon grew up for the revol-"Yes, but I spent all the money,"

ver. The meeting of this demand ocshe replied. cupied all of Colonel Colt's time and "All the money," said the husband.

"Why, I was worrying over the fact that you left your fifty-dollar bill on

with a bright and kindly expression in How Isalah Rhynders, Rabid Pro-Blavhis eye, and a smile that told of his ery Advocate, and William Lloyd Garrison, Leader of Abolitionists, Became Acquainted.

fondness for humor. Could this be the man who had been painted as a demon in human form not so very many years before? The present generation has forgot-

As we sat talking reminiscently of en Isaiah Rhynders. Yet in the ante the days when Rhynders was in the bellum days his name was a familiar thick of events political, the door of one. It symbolized northern pro-slavthe room of the postmaster of New ery sentiment. Its bearer was regard-York opened and there entered a gened by the abolitionists as a sort of tleman whose manner and features betokened the scholar, the man of cultipolitical sentiment. He was, indeed. vation and refinement. His height must have been something more than six feet. His dress was that of a man who knows how to dress well but not conspicuously.

I saw at once that the postmaster was in some embarransment. He lookout of the question; it was too costly. and returning them to their masters. then again at the newcomer, and then, But it occurred to him that cotton I met Marshal Rhynders in 1875. To then again at the newcomer, and then, yarn was cheap and that if he soaked my surprise, I saw a man of slender widently mustering his courage, he said.

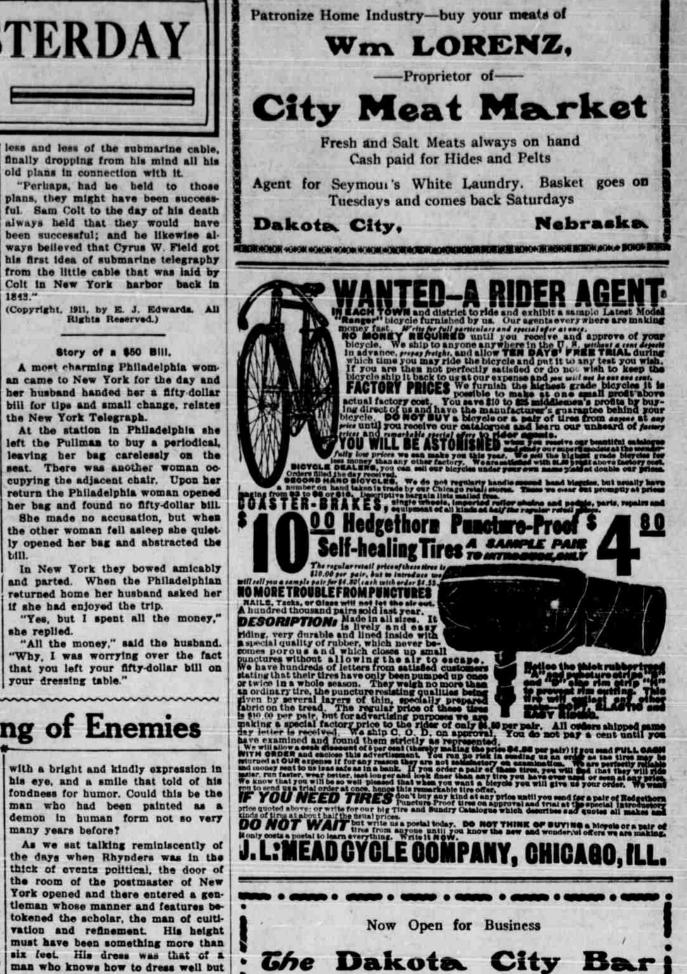
"I am very glad of this opportunity

to bring into acquaintance two men

who have been known for many years

Courteous

Treatment



Am here to serve you with Wines, Liquors, Cigars

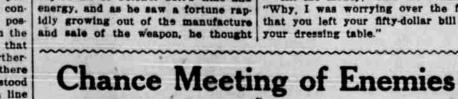
Western Brew Bettind Beer

FRED G. STANNARD

Dakota City

Nebraska



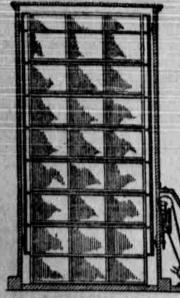


sibility of warning being given by such instruments several minutes be fore the disastrous shock arrives. The great movement, according to this rec ord, began with a very slight shock which was repeated. For ten seconds it increased in violence, and for another ten seconds decreased. Ten minutes next passed without disturbance Then came a second shock of great intensity, accompanied with a loud subterranean rumbling, and this was the shock that caused the calamity. One cannot help thinking how many thousands of lives might have been made safe in those precious ten minutes if the first warning had been communicated to the public.

CABINET TO SHOW PICTURES

Automatic Mechanism Exposes Su cessively Pictorial Exhibits and Attracts Attention.

Among the principal objects which an invention, by Mark C. Phillips of Corvaliis, Ore., has in view are: To provide an automatic mechanism to expose successively pictorial exhibits to attract attention and to please passers by; and to provide a flashlight mechanism for periodically illuminating the said exhibits, says the Scientific American. The illustration shows a vertical longitudinal section of a ma-



Picture Display Cabinet.

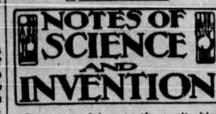
chine which in operation gives an at tractive and continuously interrupted display of pictorial designs, interswith entertaining advertising natter

Astrenomer Measures Moon. A distinguished astronomer once took the trouble to measure is several paintings the size of the moon, to deduce from it the height of untains shown in the same pic-He found that the average height of the hills was about 48 miles, while one giant peak raised its head ore than 100 miles above sea level. furnor, who was one of the greatest sters of landscape composition and foring, frequently exaggerates the eights of his hills with the intention

of conferring upon them a majesty which otherwise they would not pos-



screw clamps the plate on and re moves it, and also turns the disk around to place a new needle in position each time. The same magazine will hold wooden needles, too, for, though the wooden ones last longer than the steel, they also must be changed about every third record. This little contrivance not only saves the operator of the phonograph time and trouble, but adds to his own enjoyment of the music thereby.



Owners of false teeth can't blow the bugle successfully. More than 57,000 motor vehicles

have been registered in London. A coin in the slot machine for cleaning straw hats is a novelty. The newest bathroom fixture has separate basin for dental purposes. A hydraulic clutch for gasoline

driven automobiles is an English novelty. The average man's brain is five

ounces heavier than that of the aver age woman. Tepid water will taste as cold as

les if you will first dissolve a peppermint drop in your mouth. A fountain marking brush, somewhat

resembling a huge fountain pen, has been patented by a Michigan man. Airships are to be built of the new metal, known as Liege metal, which is 40 per cent lighter than aluminum. To keep a diner's fingers clean there has been invented a silver clip to hold and squeeze a slice of lemon. Trimmings from new flax and hemn are the stock from which is made the finest grades of "rice" cigarette pa-

Naturalists say that at certain sea sons a fly lays 4,500,000 eggs each day. Microscopic in size they may be, to be

sure A French savant has declared that he is satisfied that smoking, however moderate, has a serious effect on the bearing.

An implement has been invented for slicing a bolled egg evenly-a more difficult task than generally is supposed.

Calomel mixed with mastic is a remedy for toothache found in Ebers Payrus, written B. C., 1550, and found at Luxor in 1873.

Juggling has been recommended as desirable form of mental and physical exercise for persons of sedentary habits and those afflicted with nervous troubles

A patent has been granted two Massachusetts men for a simple machine to even the bottoms of damaged tenpins, which are held in a frame while rotable knives grind them true.

Fate and a Noted Irish Actor

Marchioness?"

philosophically.

nervous.

desperate, I tell you!

John Brougham's Reminiscences of the Way Fame and Fortune Missed Him and Fell to Others.

"What queer pranks destiny plays us!" said John Brougham one autumn evening in 1877. We were sitting in the New York study of the Irish actor and playwright whose name was widely known in England and America in connection with matters theatrical

from 1840 until his death in 1820. "I was thinking." Mr. Brougham continued, "how queerly the fates have allotted their gifts so far as I am

concerned. There is the case of 'London Assurance,' for instance, which has been a favorite with English and proposition and went to work. American playgoers ever since its first production in Covent Garden in 1841 by Dion Boucleault. In the writing of that comedy I colaborated with Dion Boucleault, yet almost all

of the money which came from its production went to Dion, and the play. made his reputation as a playwright. while John Brougham remained insignificant all the time that it was being compared favorably with Sheridan's "The Rivals." "Ab, yes, there is such a thing as luck in the world of the drama as well

as in the world of business, and a later experience, and an even more striking one than this with 'London Assurance,' will serve to illustrate the

"Not long after my return to the United States after the close of the Civil war I was reading over for the fourth or fifth time Charles Dickens' 'Old Curiosity Shop'-a great favorite of mine-when the idea suddenly occurred to me that if just the right actress could be found it would be possi-

> "The World's Mine Oyster." Professor Deland had been favored with the acquaintance of most of the members of his son's class, and when

the time of graduation from the high school approached, William and a delegation from the class asked the professor's advice as to a suitable design for the medallion.

"We want something to be mounted on a pin." said one of the boys. "and we thought a design that had a boy's figure and a globe would be about right, to show that the whole world afternoon, he seemed to be extremely is before us, you know."

"Of course the boy's figure would be "Well, how are you coming out?" the important thing," said William, asked the lawyer. "I suppose it's all hastily. "We thought perhaps the clear sailing, isn't it?" globe might be at the boy's feet. How does the idea strike you, father?"

"It is not wholly unfamiliar to me," said the professor. "But why have the globe at the boy's feet, William? Why not have it lying in the palm of of his hand?"-Youth's Companion.

The Comeback

"We are turning a lot of young law yers out." "Don't worry They'll get back ut as by taking us in

to each other by name, but who, I presume, have never met personally. Marshal Rhynders, I take great pleasble to write a play based on the novel ure in introducing you to my personal in which the characters of Little Nell friend, William Lloyd Garrison." and the Marchioness could be taken Mr. Garrison, the great leader of by the same person. I realized that it

the Abolitionists, the first in all the would require a great deal of dramatic north to agitate against slavery, and ability, a wonderful versatility, for to teach opposition to the fugitive any one to play Little Nell in one act slave law, and Marshal Rhynders, typiand the Marchioness in another; but

fying in his career and symbolizing in I kept the idea in mind, and later was his name the more rabid pro-slavery told that a young girl who had not party of the decade before the Civil been in New York many years from war, stood facing one another for an California, where she had appeared instant. Mr. Garrison was penetrating on the stage as a mere child, would the ex-United States marshal with his just fit the dual role both in physique glance, while Rhynders, on the other and dramatic ability. It war hand, was studying the personality posed that I write a play for this of the great anti-slavery leader. In

young girl, in which she would appear a moment, however, they seemed to alternately as Little 1." and the realize fully that the issues which Marchioness, certain terms were menhad given them fame were of the past. tioned to me, and I accepted the Each extended his hand, they took seats side by side and a moment or "Well, in due time I fixed up the two later the postmaster and I went play, and when it was produced in out of the room unobserved, for those 1867 it made one of the greatest suctwo men were engaged in intimate cesses of the American stage It

conversation. made the fame of Charlotte Crabtree. Perhaps half an hour later William better known as Lotta. It was the Lloyd Garrison came from the postbasis of the fortune she now possesses master's room through the antercom -and she deserves every penny of it, where he met us. His face was beamdear girl. But again John Brougham ing. "I found Marshal Rhynders a was obscure; nor had he more than most interesting and entertaining a paltry return of money for his work. man," he said. "I am glad to have Would you have known, if I had not told you just now, that it was I who

had the opportunity to meet and chat with him." Then he went away, and dramatized Little Nell and the as he did so Marshal Rhynders stepped into the antercom. The Irish actor-playwright smiled

"Garrison is a great man and a good man," he said, earnestly, sincere-"Ah, me," he said, "I am not comly. "We became friends. I shall alplaining. It is all fate, and I presume

this will be my fate until the end." ways remember the conversation 1 have just had with him, and I am glad Three years later, a' the age of 70. Brougham died, leaving the manuto think that he may have obtained a script of a play upon which he had different impression of me than he had in the days when slavery was a based great hopes, but which, by resson of his death, was never produced. | great issue."

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The Last Hope

from a distant town appeared, saying dollar, and use the other half o' that he had come to settle the estate and two-dollar bill to get back to where I take the residue, as Lemuel's only came from, this very night."-Youth's

Their Lost Darling.

"Oh, our darling is lost again!" she fice of Lawyer Mears, on Saturday cried, as soon as he got into the house.

> "What little darling?" "You unfeeling moster! Our little

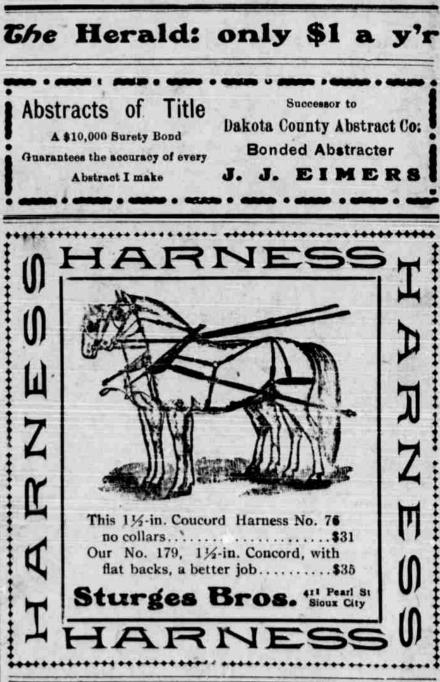
darling.

"Oh, the scroot?"

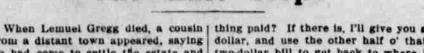
"Clear salling!" echoed the executor. "Yes, if you must talk like a brute. "Do you suppose I'd be here with a the scroot-the mutt-anything you fee to pay if 'twas clear salling? I'm wish. And I want you to advertise for him."

"There isn't a thing left of Cousin | He promised to do it, and this is Lem's estate excepting a two-dollar the ad., as it appeared:

bill and three pewter plates. I want "Lost-A sausage shaped dog, anto know if there's any way that I swering, when hungry, to the name of can oblige the town to accept those Baby. A reward will be paid for his plates for the tax bill that sprung up return to 35 Dash avenue, dead or on me after I thought I'd got every- alive."







kinsman. He had a jaunty air at first, | Companion. but at the end of a week he had ac

quired a watchful and anxious expres sion. When he stepped into the of-