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FREAKISH PHOTOS Fine Relice of Ancient Times In New

Moonlight Effects Obtained by Taking the Sun.

TRICK OF THE GHOST FAKE.

"Speek" and "Vision" Pictures Only Require a Little Care and Simple Apparatus, and It is Easy to Photograph a Man inside a Pint Bottle.

Moonlight effects in photography are generally gained by trickery. Of course it is possible to take photographs by moonlight, the exposure varying from thirty minutes to two hours. The results, however, are rarely satisfactory, owing to the movement of the shadows producing a blurred effect in the finished print. To obtain a moonlight picture of the approved sort-a fine cloud effect with the moon casting a long line of bril-Hant light upon water-special preparations must be made.

A rather cloudy sunset must be chosen. Then when the sun drops low on the horizon and is partly obscured by the cloud bank one seizes the opportunity to secure a snapshot (the lens being well "stopped down") right into the eye of the light. The plate thus obtained should be slightly underdeveloped. If all has gone well the resulting negative will supply a picture exactly resembling a moonlight effect. and by carefully gumming a small circle of opaque paper upon the film one is able to print out the "moon" into the bargain

Photographs in which the snow appears to be falling are usually produced by artificial means. If the subject is to be a portrait the sitter should be garbed appropriately and placed before a wintry background. When the negative is obtained it should be dried and well varnished, then placed flat upon a table with the film side upper-Take a soft toothbrush charged with rather thick india ink and carmine mixed up with water and draw it over the teeth of the comb, which should be held some little distance from the negative. If this operation is carefully managed the result will be an irregular spattering of the pigment apon the varnished film, and when this is dry a print will be produced which is it known with any certainty for how looks just as though the negative had been taken in a snowstorm.

Photographs of the class in which ghosts or visions appear may be "faked" in several ways. The first of these may be described in the duplicate exposure method. Suppose, for example, we wish to photograph a man inside a bottle which will hold no more than a pint of liquid. To accomplish this apparently impossible feat proceed as follows: First photograph the bottle standing upon a dull black support and with similar background. While focusing take care to mark out what will be the bottle's boundaries on the plate by fixing little pieces of gummed paper to the ground glass screen of the camers. Then get your man to stand or sit in a chair upon a black cloth with fields, and if they become smaller only a smooth black curtain behind him Focus upon him so that he falls within | Die. Either the snowfall in the higher the boundaries of the bottle, this be levels must have diminished or the ing easily managed by means of the temperature in the lower levels has gummed paper guides. Finally expose grown higher. There are several reathe plate which has alrendy been used

first seem very astonishing. To make a "vision fake" arrange a little scene, such as a bare room with an empty lessly in the foreground. Make your of the world - Victoria Colonist. first exposure on this scene, being careful to mark out on the ground glass screen the space into which the vision must fall. A dark curtain or dark woodwork should occupy this space in the first picture. Now procure a sheet of dead black paper, mount it evenly upon stiff card and with a little Chinese white sketch out an appropriate vision.

If you cannot do this yourself get an artist friend to help you, but see that the sketch is placed in the correct spot-1 e., the spot which you have arranged for it to occupy in the finished picture. When the sketch is finished set it up before the camera, focus and see that it falls within the required boundary upon the screen Then expose again the plate which has already done duty and-if no miscalcula-"vision" picture will result

The ghost "fake" may be made in exactly the same ray, only in this case an appropriate scene would be a deserted churchyard, with your model sing in an awestruck attitude beside a tomb. In all photographs of this kind the reader should bear in mind that a dead black background does not appreciably affect the sensifixed plate, but a show plate should be used whenever this is possible, as by this means any slight tendency to "fog" will be obviated - Scientific American.

Plain Talk From Home.

"I ought to be supremely happy." the youth wrote to the home people. . sc much business ahead, but I have my diploms and my books." Whereupon the "old man" wrote

"Put the diplomy in a frame, make a pillow of the books, then rise up early and hit some good hard licks for three square meals a day."-Atlanta Consti-

Great minds are wills, others only wishes, - German Proverh

> Blaze, sun, with all your fires Over old Georgia state And blister all the llars That now are digging bait!
> -Atlantic Constitution

Proh - They say lightning never strikes twice in the same place. Kohn-Well, what's the use?-Louis

GENTLENESS. If you would fall into any extreme let it be on the side of gentleness. The human mind is so constructed that it resists vigor and yields to softness.

ARMORER'S TOOLS.

York's Art Museum.

Very few people are aware that in the heart of modern New York is a complete armorer's shop, writes E. A. Suverkrop in the American Machinist. It is in the basement of the Metropolitan Museum of Art and is equipped with a complete outfit of over 600 armorer's tools Many of these are very old, having descended from master to man or from father to son through many generations. Their workmanship is excellent. Where steel faces have been welded to tron bodies the welds are clean and perfect, and the junction of iron and steel is distinguishable only by the difference in luster of the two metals.

The tempering of the steel faces seems to be good and uniform, as neither cracks nor dents are apparent. A cursory glance at these tools will at once apprise us of the origin of many of our modern sheet metal workers' implements. The working faces of all the tools are highly polished, so that they do not "grip" the metal being worked, which it is free to "slide" to the shape desired by the armorer.

Every collection of ancient armor requires technical care for its upkeep. The objects must be kept free from rust, occasionally remounted, and from time to time restorations must be made to preserve these priceless specimens. In order to carry out this work the musuem has arranged the shop referred to so that these necessary operations may be carried on. The armorer's tools once belonged to Daniel Tachaux, but are now the property of the museum. Mr. Tachaux brought them to this country when he came from Paris is 1909 to make some repairs in the museum's collection of armor. The outfit consists of over 600 tools and includes nearly 100 kinds of stakes and a great variety of hammers. swages, etc.

RECESSION OF GLACIERS.

Northern Ice Fields That Once Met the Sea Are New Inland.

Some attention is being directed to the fact that the Muir glacier is disintegrating along its face, and there is ome speculation as to how long it will continue to present a great attraction to tourists. No one can answer this, of course, for the causes of the unusual movement are not known. Neither long a time 'his great ice mass has presented his appearance, which made it

Assuming that the earliest charts of he coast are correct-and there is every reason to suppose they areiere have been very remarkable resislons of glaciers along the Atlantic coast during the last century, so that ice fields that formerly came down to the sea are now a considerable distance from it. As, we understand, the earlier charts do not indicate the posttion of Mulr glacier, so there are no eans of telling if it has receded.

The cause of the recession of glaciers is not fully understood, but it seems to imply an average amelioration of the Glaciers are fed from snow one of two explanations seems possisous for supposing that the climate of this is developed your friend will duly gradually warmer, although the change This method will be found in prac-tice to explain many pictures which at speaks of the breaking away of a great speaks of the breaking away of a great lee barrier near Greenland, which oc curred, if we are not mistaken, in 1840, nd says it was one of the most sig hearth, with your model sitting list- nificant even's in the modern history

Kansas City Star. A man once arrived at Kansas City with a terrible pain under his beit. "Go for a doctor," said the sufferer,

and go quickly." What kind of a doctor do you

hydropath, osteopath"-"Oh," cried the traveler in his agony, any path will do! All paths lead to the grave."-Kansas City Star.

A Mixed Quartet.

Among other curious things I have beard was a quartet sung simultacously in four languages, writes a miniscent contributor to the New York Sun, it was Clara Louise Kellong's company in "Martha." Miss tions have been made—an interesting Kellogy sang in English, Brignoli in Italian, a German woman in German and a Frenchman in French. The gudience never noticed the confusion of

Just the Roverse.

Beating the sword into a plow share?" inquired the tourist pleasantly as he halted at the door.

Beating a plowshare into a sword," responded the energetic blacksmith. 'I manufacture war relica." - Louisetite Courier Journal.

Successful Opening. Bess-Jack said last night that call ng on me was like witnessing a beautiful drama. Tess-What did you say? Bess-I gave him a season pass and told him I hoped the play would end

happliy.-Chicago Record-Herald. Unwedded.

Teacher (in grammar class)-What is slamiar pronoun, Johnny? Johnny-One that isn't married yet-

No. genius is not inspiration. Genius is perspiration.-Thomas Edison.

How to Be Strong. Man is strong, only by union, happy only by peace. Be firm, not obstinute: ers, not furbulent; free, not undisciplined: prompt, not precipitate -Course de Mirabeau.

The good workman doesn't sav. "There, that will do," but always. There that is it-it whi last always."

So He Is. Why is a retired carpenter like a is an exlecturer? Because be

SWARMING WITH INSECTS.

The Pests Are a Veritable Plague In Bolivia and Brazil.

luscet pests are a plague on the boundary of Bolivia and Brazil. "In the forests and on the smaller rivers," writes Commander Herbert A. Edwords, R. N. R., in the Geographical Journal, "life is made almost unbearable. Anta are met with everywhere: they swarm over one's person in hundreds, and most of them bite most sav-There is one kind of red aut. which lives in trees bollowed out by themselves, whose bite is like a touch with a red bot iron. If a person inadvertently touches or leans up against one of these trees the auts awarm out upon him instantly, and his life for hours afterward is a long drawn out misery. Then there are the huge ants. called tucanderus, one and a half inches in length; they live in the forks of trees. Their bite is particularly painful, and causes the part affected to swell up as if poisoned. One of our oldiers was incapacitated for several days by a bite of a tucanders. Red ants; black ants which make broad, straight roads of their own and move about in battalions: grayish white auts, fiving in red colored mounds, six feet high; yellow ants-each and every one has its own particular way of making inwelcome the intruder into its babi-

"Butterflies during bright sunshine settled on the surveyors and the instruments they were using in such numbers that survey work became an imossibility. Nor is this all. Wasps of many colors, but always with a sting; bornets, which give no mercy to man or beast; bees of all sizes, some of which swarm in one's shirt, eyes, hair, ears, mouth and nostrils seeking moisture. Every blade of grass has a tick of some sort, waiting opportunity to

Spiders, borrid hairy creatures, with bodies six loches long, are sometimes met. One of our men was stung or bitten by one of these when out shooting; his foot where he was bitten became very inflamed and broke out into raw patches. He had to be left behind as we were on the march, and when we sent for him three weeks later be was still limping."

Song Names of the States. The most beautiful place names in

the world according to Robert Louis Stevenson, are those of North Amer-"The names of the states and territories," he declares in "Across the Plains," "form themselves into a chous of sweet and comantic vocables-Delaware, Ohio, Indiana, Florida, Dakota, Iowa, Wyoming. Minnesota and the Carolinas. There are few poems with a nobler music to the ear; s ful, tuneful land, and if a new Homer shall arise from the western continent his verse will be enriched, his pages sing spontaneously, with the names of states and cities that would strike the fancy in a business circular."

Soiled Papers.

Large papers or leaves of books that have become solled from much handling can be put into perfect condition if the loose dirt is first rubbed off with a piece of bread. Then cover the spots with blotting paper made damp with oxalic acid in solution. Lastly pass a hot iron over the blotting paper until it dries.

or the leaves of a book put between to photograph the bottle, and when the north Pacific some is becoming two pieces of white blotting paper or any unsized paper-slightly dampened. is very gradual. Sir Charles Lyell, the and press with a warm fron until the is perfectly smooth.-New York Tribune.

The Lotus Esters

The race of people to whom the name lotus enters" was applied was a Lybian tribe, known to the Greeks as early as the time of Homer. Herod otus describes their country and says that a caravan route led from it to Egypt. The lotus still grows there in great abundance- a prickly shrub bear ing a fruit of a sweet taste, compared by Herodotiss to that of the date. It want?' inquired the messenger. "We is still eaten by the natives, and a kind have nil kinds - allopath, homeopath, of wine is made from its juice.

Those Who Arrive.

A New York capitalist said at a dinper in Boston that peither the prudent man nor the daring man made a success of life

"The prodent gets nowhere," he declared. "The during go to smash. It is those who mingle the two qualities, it is the daringly prudent, who arrive "In other words," concluded the capitalist, "the men who succeed are those who run risks at a very slow walk "-Washington Star.

Sugar is Dear in France.

People in France when they dine at restaurants frequently appropriate the sugar they don't happen to use. Sugar in France is dear, and what is served with the coffee belongs by right to the purchaser as much as the coffee itself. So why not take a lump or two bome to little Jeanne or Pierre?

Broke the Charm. "Well, you are a good little boy. Are

you wouldy as quiet as this?" "No fear, but mother's going to give me a clockwork engine and a hobbyborse if I don't say anything about your dreadful red nose."-London Opin-

Literary Aids.

Knicker-What books have helped you most? Bocker-The ones I didn't read: they saved my time.-New York

The most beautiful of altars is the soul of an unhappy creature, consoled thanking God.-Victor Hugo-

With hatpin sticking out a mile, You gouged my eye with movemen But I don't cars; I've got one left.

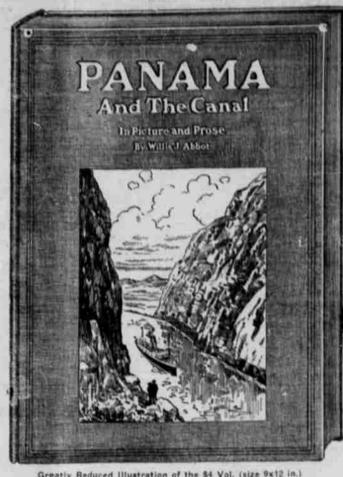
"Does it cost much to feed the gi raftes?" "No; you see, a little goes a long way with them."—Brooklyp Life.

Gems of Ceylon. Cerion produces nearly every pre-clous stone known except diamonds, emeralds, opals and turquoises.

Fate. Life is a moving picture, and the film often brenks just at the interesting place.-Judge. sight? She (thirty-eight)-I believe in

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OLD ONES LOSE

CITY FATHERS HOLD THEY HAVE BEEN FIRED AND REFUSE TO COMPROMISE

STREET CONTRACTS ARE ALSO LET

Protests Heard From Lowest Bidder But One Overruled in a Secret Secsion-Other Matters Come Up.

COUNCIL MEETING IN BRIEF: fected.

Fire protection ordinance Garbage ordinance submitted. Tooze improvement considered. Bids and contracts awarded Fred McCaueland, John W. Loder and Chris Schuebel are the new water

At a meeting of the city council Wednesday, the committee on fire and water made its report of the work that had been done under the supervision of the council and the new board was selected. The committee will at once turn over the plan to the new board as soon as its members have filed their bonds and have qualifled under the provisions of the city

All of this was done by the council after the suggestion of the old water board had been received that the en-tire question be submitted to Judge J. U. Campbell of the circuit court for his decision without raising the leave in the courts. The council could not see the point to this contention and held that if the water board wanted to fight, it could bring the action in the courts and have the matter de

termined there at on-Entering Wedge

The question of submitting the is-sue to the circuit judge unless the matter had been officially brought be-fore him appeared to the council as an entering wedge and a concession to the board that it did not propose to make. The old board will now take the issue straight into the courts and will fight out the legal questions that are involved and have the issues de-

termined once for all.

Fred McCausiand is a foreman in the woolen mills and has taken a great interest in municipal affairs for the time that he has been here. He is well known through the city and is considered a man with wide busisight? She (thirty-eight)—I believe in ness experience and a thorough and any kind of love.—Boston Transcript. discerning judgment of business af-

Chris Schubel was given the council after Mr. Lyach spoke in lave years of office by the council after arrhans ordinance that was introduced in the gone into the issue thoroughly carbans ordinance that was later than gone his amplifications for the due to the council of the c e place.

John W. Loder was given the two council committee another opportunyear term and was chosen by the same majority that prevailed in the election of the others, five to two-

ing together in their opposition to the

He received the one year term, corder be instructed to f office.

Chris Schubel was given the three carried.

> over to the next meeting to allow the the My to review it.

Improvements.

Four street improvement was accopted after the contractor arrest to place a bond that work would be sal-isfactory for one year. The Shay idd on 11tch street and the bid of the fre-After it was over, Connellman son Engineering & Construction con-Tooks contended that the city council pany for Squant street was accepted, had not the right to make such Mr. Reiner protected against the ac-changes, and, further, that there was changes, and, further, that there was captance of the bid on Seventh street no immediate need for a new water on the ground that his was in lower board as the plan had been placed in the hands of the fire and water council went into the committee of council to the committee of council went into the committee of the said water council went into the committee. His objections were over the whole and afterwards adorsed the report of the committee. The conver and the action taken.

Eracst Rands was suggested but the city recorder within the next few his name was afterwards withdrawn.

Council ment into the committee of the whole and afterwards adorsed the city recorder within the next few his name was afterwards withdrawn.

Council ment into the committee of the whole and afterwards adorsed the report of the committee.

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