MAKING RAIN IN TEXAS. GEN. DYRENFORTH TELLS OF HIS RECENT EXPERIMENTS.

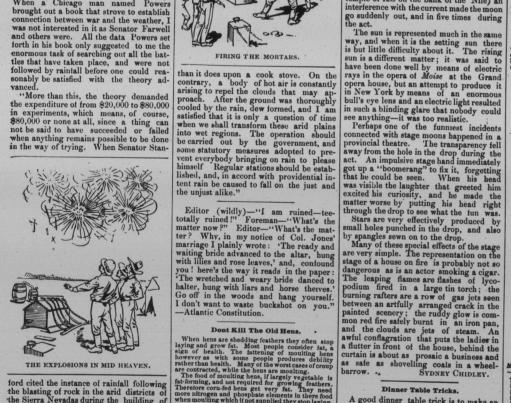
The recent experiments to make rain tall by means of explosives have attracted world-wide attention. In Texas, where these experiments have been carried on by the United States government, they have been successful to a remarkable degree. periments, has returned east from making circuit of Texas, and gives some

teresting facts about the work
"Yes; our brother in the Lord Ruggles



"When I was finally persuaded to take hold of this matter, for various reasons, too technical to be popular, I was immediately satisfied in my mind that the elemental parts of a drop of water, hydrogen and oxygen, were the explosives we wanted to introduce into the atmosphere to get rain, if it could be. I am an artilleryman myself, and during my service both in a military school in Germany, and in theseivil war, the relation of rainfall following the discharge of heavy artillery, had excited my curiosity, and I had given the subject some study. When a Chicago man named Powers brought out a book that strove to establish connection between war and the weather, I was not interested in it as Senator Farwell and others were. All the data Powers set forth in his book only suggested to me the enormous task of searching out all the battles that have taken place, and were not followed by raintall before one could reasonably be satisfied with the theory advanced.

"More than this, the theory demanded



ford cited the instance of rainfall following the blasting of rock in the arid districts of the Sierra Nevadaş during the building of the Serra Nevadaş during the building of the Central Pacific, I began to think about the matter. I knew what the district is, and that it rain by any means had been precipitated there one might logically hope to bring about a thunder storm in hades, so I undertook the task—that is, I went to Texas and tried producing rain there.

"I carried with me sixty balloons, each about ten feet in diameter when expanded; a hundred kites five feet tall, a carload of wooden mortars to fire bombs from, and many thousands of pounds of dynamite, gunpowder, nitro-gelatine, and other powerful agents for agitating the atmosphere.

"Each balloon holds 526 cubic feet of gas—a third oxygen and two-thirds hydrogen—and upon being inflated ascends under control of a double wire, which serves instead of a rope to hold it by. When it reaches the desired height the button of an electric instrument on the ground is touched, a spark ignites the tusee in the balloon, and the oxygen and hydrogen suddenly combine with a terrific explosion.

"Each kite is held by a double wire. Their tails carry dynamite and other explosions, which are set off in the same way by electric spark."



will have a more vigorous enteken than a pullet's gran. R. Jones, Suffield, Conn., a breeder of prize winning motited Javas, says;

"I find him to the days, says;
"I find him to the days of the days

THE MOON ON THE STAGE.

THE MOON ON THE STAGE.

THE MOON ON THE STAGE.

BOW THE SPECT IS PRODUCED

IN DIFFERENT SCENES.

Mr. Childrey Writes of More Mysteries of the Stage, and Tells (Some Amusing Incidents Than Have Resulted From Them—Something About the Twinking Stars. As soap bubble filled with a mixture of the gas, two parts of the former and one of the latter, explodes like the report of a pistol. With the explosion the gases mix and form a drop of water, so that by using this rather than any other explosive, we have produced in the atmosphere a nucleus which, according to the nebulæ theory that like gathers like, operates also to gather rain.

"After the experience in Texas, I think the venture unquestionably promises success. The cost has not been enormous. All, or all but some inconsiderable parts of my apparatus, is manufactured, and I have spent less than one-half the government's a such a rate that operating our balloons was like reasoning with a lunatic or arguing with a bucking bronce. We had to build tanks in which to form the gas, and atter doing this one of them burst and had to be rebuilt.

"It has been said that atmospheric conditions worked with us. This is directly the surface of which is also covered with the surface of which is also covered with

Dinner Table Tricks.

A good dinner table trick is to make an egg force its way into an ordinary wine carafe, such as is found on all well regulated dinner tables. The other accessories are some paper and a medium hard boiled egg with the shell taken off. Drop the paper lighted into a wine bottle and get the interior well heated. This expands the air within and forces part of it out. While the interior is still hot stand the egg up on end in the neck of the bottle and let it rest there. As the bottle cools off the egg will begin to force its way in, until it finally drops.

Another trick, which works on the same principle, is to make a banana peel itself. To do this all that is wanted is a wine bottle, a ripe banana and a bit of paper wet with alcohol. Light the paper and drop it into the bottle. When the air in the bottle is well heated set the banana on end on top and let it do the rest itself, as the air on the inside cools off and contracts the outside pressure, pushing the banana down into the bottle until it has pulled itself out of its skin.

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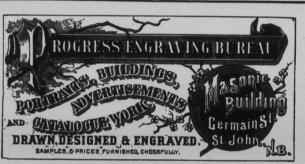
J. D. SHATFORD,

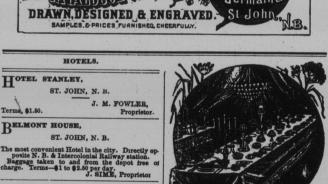
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FASHIONS FOR A

rified by the first of the m hat had turned yellow, and bronze. Each leaf has been spread open and attached with



frieze that is aglow with col the one thing that was need the effect of the open firep window seats and the dark woodwork and furniture. artists say, will last even turn dull.

But I must tell you what Many of the autumn dress rough in texture. They sho checks, and big, startling pois a cloth that is called "ha You do not wonder so much when you see that the stripe slanting direction as if blow contrived to represent alt flakes and rain. It does r that personally I should care from under cover in such a

Cheviots and tweeds w facings seem likely to b Fabrics of fine texture are few seasons ago, with spots hair. The color combin some few novelties. For colored cloths have pale Heliotrope is used on black, bisquit on deep rec

Rep, or what was once brought forward again this sold in lengths to be made brella "or extinguisher" sk think I have before had

that not complimentary—to Plaid dresses are though istes especially adapted to t the front can be cut o and the back on the bias of Long boas are revived, i e phrase of things that ha

aside wholly, even during t summer, for the early days prettiest perhaps are those feathers mixed with bronz

cocks' plumage.

There is a queer rumor queer enough to be true, who always speak with syst irresistible authority—chains will be worn about to the left shoulder, then so to the watch pocket, aft many years ago.



Millinery is not yet shou tity, but white felt sailor had force, and trimmed with had wings, and with long veils which come from the back