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ht of spring, what have you a hat you smile so? Crowds of hepaticas, resh from their naps, ing off caps, nting together, as are bad weather, lls and mishaps.<sup>2</sup> " ht of spring what have you seen you smile so? Sumgar of spring what hav That you smile so? "Millions of wings Gayly unfurled, Lifted on high, Drifted and whirled, Freighted with song, Floating along, "Ob, happy world?"

SUNLIGHT OF SPRING.

unlight of spring, what have you seen hat you smile so? Maids with their lovers, hildren at play. lope as of Any. Joy as of May: Winter begotten, Night is forgotten, Sathis bright day." Alice W. Bailey, in Harper's Bazar.



During all this time Joriah and Abner shunced each other. Their wives and children were not allowed to exchange

visits. One night of the following spring Salt Greek rose to a height many feet above any point it had ever reached in the his-tory of the valley. There had been a week of rainy weather, so that the tur-bulent stream was much swollen, and on this particular night there was a tre-mendous rainstorm. As the Lane River was swollen greatly, there was no adequate outlet for the turbid flood which swirled and rushed down the Salt Creek valley. Conse-quently, the current of the Lane was no only stopped, but turned back, so that for some hours the river actually flowed up steam.

for some hours the river actually flowed up stream. Then the brawling little stream, like a person of passionate impulses, calmed down almost as quickly as it had risen. The light of morning reveaved a strange state of affairs to Josiah. Ex-cept the very small area of high ground about the house, his entire farm had been flooded. Everything that would float was carried away and stranded on Abner's farm. Here was retribution in-deed!

ner. "An' why don't ye think I will?" "'Cause I ferbid ye to set foot on my land."

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worn out with the long nights washing. The story of the terrible havoc wrought by the Great Lane Freshet is told in the history of the valley, and does not be-long to this narrative. But noither of the two men who drifted down on the stalk-rake ever regretted his experience on that night. The Baldwin and Glint children now play together every day; their mothers are happy in the reconciliation, and nowhere can be found two firmer friends than Abner and Jossh.—Youth's Com-panion.

<text>

## POPULAR SCIENCE.

The experiment is to be tried of send-ing telegraph and telephone messages simultaneously over the London and Paris telephone circuit. The New York Central Company is about to lay the first 100 pound rail ever rolled or used in the United States, and it will be laid on steel ties. A French inventor has devised a sus-

A French inventor has devised a sus-pended camera, by means of which pho-tographs may be taken on board of a ship, even when the sea is running high.

Tests in electrically welding rails for horse or steam cars show that the im-portance of allowing for the contraction and expansion at the joints has been overated.

The French Minister of commerce has issued a decree authorizing the employ-ment of pure nickle for the manufacture of measures of capacity intended for the use of liquids.

It is now proposed to cover the surface of the sea around an endangered vessel with a thin cotton or silken net made unsinkable by dipping in a special chem-ical preparation.

ical preparation. A polycycle omnibus, which is in effect an elongated tandem tricycle, has been invented in London, England. It is so arranged that each passenger will have to assist in propelling it. How best to grotect wire ropes from the corrosive influences to which they are subjected 19.00m of the practical questions of the day. It is now pro-posed to cover the wires with a lead conting. posting.

It is apparently the settled purpose of the Chinese to construct a complete plant for the manufacture of iron and steel, the very latest types of Bessemer and Slemens-Martin plant being included in the roture. in the venture.

In the venture. The Falls of the Arno at Tivoli, Italy, are to be utilized for the lighting of Rome. The current will be carried across the Campagna for sixteen miles and transformed into currents of lower pressure for the service of public and private buildings.

private buildings. A novel idea for producing electricity obeaply consists in surrounding any con-venient source of heat, such as a store or furnace, with a series of thermo-piles and by charging accumulators with the cur-rent thus produced throughout the day to light the house at night. A lifeboat of sluminium has recently been built. It is a matter of considerable curiosity to see how this boat will answer when thoroughly tested, as it is thought to be more than likely that its obvious good points will be more than counterbalanced by various disadvan-tages.

The "official adoption" by Russia of the Canet quick-fring gus has it seems, to be reduced to the order of one quick-fring coast gun, with carriage and pro-jectiles. This order was made with the distinct understanding that, in case of the adoption of the system, Russia would herself manufacture the guns required. Long-distance photography is rendered quite successful by a new camera with a telescope objective, which consists of a concave lens of ahort focus and a convex lens of considerable length of focus. These are put at a certain distance spart, depending on the difference of the two foci. By the laws of optics this arrange-ment projects an inverted image of an object at a long distance from the lenses. nventi ORGANS NTRINSIC VALUE AND

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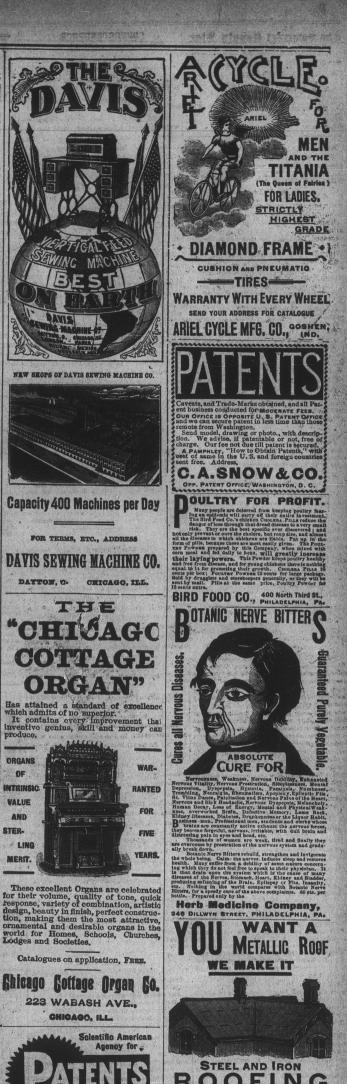
MERIT.

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Herr Klinge has been studying the eruption of peat bogs and the stream of dark mud these give out. He rejects the explanation that it is due to exces-tion chemitian that it is due to excess

the explanation that it is due to excessive absorption of water by the peat, or that it is caused by exploding gases, but attributes it to land slips of the ground under the bog, and remarks that in Ire-land the eruptions are most frequent in limestone formations with caverns and bodies of underground water. Milk from the ordinary cow contains eighty-seven per cent. of water. There-fore, if s cow drinks 100 pounds of im-pure water eighty-seven per cent. of the impurities of that water will be found in the milk, as the cow has no filter in her to purify the water which she drinks. Consequently every farmer will see the importance of providing his cows with plenty of pure water, and not permit-ting them to drink from markes or stagnant pools. stagnant pools. · · ·

Venerable Trees. A very interesting work is in course of publication by M. Gadeau de Kerville, on the ancient trees of Normandy. The most remarkable trees so far described are the two yews of La Hyde de Routot, in the department of the Eare. They are respectively 9½ and 8½ meters in cir-cumference at the base of the trunk, and 17½ and 14½ meters high. Their ages are estimated by the author to be not less than 1500 years. A chapel has been constructed in the hollow trunk of one of these yews, three metres high and two metres deep. Before it was trans-formed into a chapel the hollow would hold forty persons, and eight musicians have played in it in concert. The beech of Montigny, estimated by the author to be between 600 and 900 years old, is eighteen metres high and 8.20 metres in circumference at the base. There are oaks from 200 to 900 years old, one of which is nearly forty metres high...-Popular Science Monthly. A very interesting work is in course of publication by M. Gadeau de Kerville.



"Too t know as ye in get em at al," said Josish. "I thought them was mine over yan-der." Abar pointed to a mass of rails and cornstalks which were undeniably his.

his. "Ain't them yourn, too, then, an' them, an' them!" Josish pointed eloquently to the mud-coated logs and treetops. "B'leeve they air, Si, most of 'em." "Wall, when ye take the last one of 'em off o'my corn we'll talk about let-tin' you take them rails, too." Abner was astonished. ' "I don't mind helpin' ye clear off that mess, Si, ef ye ask it. But I'd like to come in to-morrer or nex'. day an' git my rails."

which grew momentarily louder and came on. What could it be? Josiah rose from the ground and peered anxiously in the direction of the sounds. Louder and louder, nearer and nearer, and more incomprehensible! Surely that was a falling tree he heard. Another and another fall, each nearer than the last! Just then the moon came boldly into view, and disclosed to Josiah a line of white foam racing madly toward him across Abner's oatfield. Then the truth was plain. Deming's great, levee had broken, the Lane was soming down like a low wall moving at speed, and Josiah was caught in the flood.

mess, Si, ef ye ask if. But I'd like to come in to-morrer or nex'. day an' git my rails."
"I ferbid ye settin' foot on my land agin " shouted Josiah. "I I've gotter do all yer log-rollin' fer ye, an' do in my land agin " shouted Josiah. "I' I've gotter do all yer log-rollin' fer ye, an' do in my land agin " shouted Josiah. "I' I've gotter do all yer log-rollin' fer ye, an' do in my land the state of the trank."
"An er did not bring suit as he had furcatened, for he is aw that the expension wild outweigh the profits. He are not but and brand already drifted considerably both active with those which remained of his own. For weeks his cornfield was he had gone to bring away. Still more stonishing, there was a mad clinging for stone and the store and of the rake, and he slowed had begun to think it was only some ter the low the average.

show object at the warshouse some years ago; indeed, the director kept it in has private bureau, and showed it to his friends as a curiosity. It was very old-fashioned-looking, and was literally covered with labels referring to the suc-cessive renewals. One day one of the big men of the management took pity on the poor proprietor of this umbrella whose attachment to this unromantic object was proved by his regularity in renewing, redeemed it himsell, and sent it as a present to the owner. The man, a worthy workman, was most indignant, refused the offer and declared that he was in no need of charity. It was generally believed after this the man was a crank. He died without redeem-ing his umbrella, which has since orumbled into dust.

Blue the Color of Melancholia.

Blue the Color of Melancholta. The color blue has long been asso-icated with melancholta. A sixteenth century suthor asserted that blue oyes were injurious to the health and spirits. One authority traces the term to the well authorized beliet that persons who were in indigo dysing establishments are pseuliarly subject to melancholts. A German authority derives the expression from the German blau, or lead, since lead by its weight and resemblance to darkened skies, has always been held to typify a gloomy spirit. Webster says that slines are short for blue devils. These latter are supposed to be seen by persons in definium tremens, and hence may well be taken to represent the er-treme of depression.—New York Dis-steh.

## A Simple Cure for Stoutness.

A Simple Cure for Stoutness. A French paper has come out lately with a new, strange and simple cure for stoutness. It is one that will recom-mend itself to everybody from the abso-tute ease and safety with which it can be amployed. It consists simply in never eating more than one dish at each meal, no matter what that dish is. A person may consume as much as the stomach can bear and satisfy the appe-tic without the least reserve. Never-theless, nothing but the one dish should be taken. No condiments, no soups, no supplementary deserts should be al-lowed. This is said by many to be in-tallible.—Detroit Free Press.

