

## SPONTANEOUS COMBUSTION.

condiaries, might be found to have their attribution to other causes is merely the result of our ignorance of those laws. Spontaneous combustion is undoubted-ly a prolific source of fires. This is produced in various ways. It is well known that a spongy, fibrous substance, as cotton waste, or tow, saturated with linseed oil, if exposed sufficiently long to the sun's rays, or even the atmos-phere, will take fire. Authenticated instances of destruc-tive fires originating in buildings where rags of cotton waste are stored, are suf-

rags of cotton waste are stored, are sufficiently numerous to prove the impro-priety of keeping these substances piled in a mass a long time. Factory waste, always more or less saturated with oil,

able to absorb moisture so rapidly as to produce ignition; so, also, it is asserted on good authority that wood ashes will ignite spontaneously without the presence of fire coals.

It may not be commonly known that iron borings, turnings, and filings are also dangerous when left in heaps or stored in boxes. They are always wet, especially when they have been allowed to remain under lathes upon which water polishing has been performed. We have seen a heap of this mate-rial burning with an intensely blue flame.

The eily waste, which is not unfre-quently thrown into the iron shavings, adds greatly to the danger of fire from males in type-setting seems to have been this source. The sweepings of the ma-chine-shop, if kept on hand, should never a failure. A Londou paper says: be placed in a wooden box or left in the shop.

memory and muscular motion? Who can tell?

THE following description of English-men is given in the *Moniteur*, the offl-cial journal of the French Government: SPONTANEOUS COMBUSTION. It may be that some fires now attri-buted to the wickedness of human in-cendiaries, might be found to have their attribution to other causes is merely the result of our ignorance of these laws. Spontaneous combustion is undoubted-ly a prolific source of fires. This is produced in various ways. It is well London which nation is the most hos-pitable? If a foreigner goes into a shop in Paris and does not know the exact name of the article he withes to buy, every one will endeavor to assist him, and it is rare that he will not be promptly got out of his difficulty. In London it is just the contrary, and in country places in England it is even worse. You may repeat as often as you like the name of the article you want, but if you do not give to it the exact 

my difficulty."

PREPARING FEATHERS FOR BEDS gnite spontaneously without the pres-ince of fire coals. It may not be commonly known that

ENGLISH FEMALE TYPE-SETTERS,-

"The girls manage to scramble up REASONABLE when they come to correct at the aton they don't like it at all, and "squabbles" combined with ordinary care, may pre-vent the occurrence of some fires which are now deemed mysterious in their ori-gin.—Scientific American. AGRICULTURAL PRECEPTS.—Great profits in agriculture can result only from great improvements of the soil. ful enough to throw their bonnets and cloaks down to their sweethearts in the street, from the top windows, and lei-surely passing down stairs in their office costume, as if merely from one room to another, they quickly slope off in a mys-terious manner. In spite, therefore, of much real humbug which has been ex-15. The long experience they have had in this business cannot fail to secure to them a liberal portion of the positor idea is another proof that whatever may be woman's mission, or what-ever her proper place may be, it is not in the printing office." public patronage. CALL AND SEE THEM AT **Great Western** 4: 263 275 278 N So also it is with working cattle and SUAP AND LYB FACTORY EXCHANGE BUILDINGS, THE REAL PROPERTY OF THE SAME Where they will be pleased to answer Lye, any enquiries about purchases. Soda, ING BEARON AND GARDEN TOOLS! HOME-MADE! TTITERLAN SWILL PRUNING SHEARS **ORNSTEIN & POPPER** STADLE & LAND OF SO. 100 OFFER THEIR AND SOAPS, THENATOFICIA LYE.



A knowledge of these simple facts, combined with ordinary care, may pre-

from great improvements of the soil. Great improvements of the soil can result only from unremitting industry. The chief study of every farmer should be what is useful and what is useless expense in relation to his art. The discrimination between these is the master key of the farmer's prosperity. The first should be incurred with a freedom little short of profusion. The last should be shunned as the sailor shuns the rocks where are seen the wreck of the hopes of preceeding mariners.

In this art, and almost in this art alone, "It is the liberal hand that maketh rich."

Liberality in providing utensils is the saving both of time and labor. The more perfect his instruments, the more profitable they are.

his stock. The most perfect in their

kinds are ever the most profitable. Liberality in good barns and warm abelters is the source of health, strength and comfort to animals; causes them to thrive on less food, and secures from damage all sorts of crops. - [Josiah] Quincey.

A WASHINGTON correspondent writes: "A living skeleton, a minature man, a symmetrical dwarf, is Mr. Evarts, now head and front of Johnson's defense. Oils, He has a high, fine head set on his shoulders; spine and spindles like a bulb on a Saracen tower. When he bulb on a Saracen tower. When he leans forward you can see the irailness of back, hollow and lean-ribbed; his legs are so slight that his trowsers hang like a Mexican's; delicate as a consump-tive's is his frame, and his eye is of that brilliant beauty which consumptives have. But when he rises to plead, out of his girl's body comes a voice clear, musical and strong saving sentences musical and strong, saying sentences that seem almost carved of marble. He appeals to the grade of high princi-ples, all his argument seemingly ad-dressed to the mind of justice itself. His fine brow, and smooth, interesting face, stand out very white and noble. face, stand out very white and noble. It is like a dying man's plea, so spent seems nature, so concentrated the mind. Before his appeal mean motives and the perjured wish feel themselves in all their baseness. Mr. Evarts is a little like Alexander H. Stevens in his in-valid sppearance. Socially he is a de-lightful person. In this trial he seems to have taken the chief place as pleader. In politics he is a Republican."

SINGULAR PHENOMENON .- The San Jose Argus has the following:

Frishie, druggist, of this city, has an aquarium containing a large collection of pretty little gold fishes. Recently the fishes were temporarily removed into a large, globular glass jar, filled with water. By accident, young Rhodes, the druggist's clerk, discovered that by placing his forehead in contact with the upper portion of the class with the upper portion of the glass globe, the fishes all acted precisely as if they had received a shock from an electric conductor. This set Rhodes to experimenting. He tried to startle the fishes by touching the jar at the same point with his hand, with books, with his chin, face and elbows, all without his chin, face and elbows, all without effect. Liven thumping smartly upon the jar with his knuckies failed to get up a piscatory excitement; but when-ever he touched the glass with the top of his forehead, the fishes were instantly thrown into violent agitation. It was found that the phenomenon did not occur when the forehead was brought in contact with any point below the cen-ter, or equatorial portion of the glass globe. Queries—Does this go to prove that there is a true physical galvanic battery in the top of the human eranium? Does it go to prove the polarity of the water and of the glass iar? Does it furnish a faint inkling of the source of cerebral excitation which produces the phenomens of thought,

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# [ADVERTISERENT.]

### BUCK & WRIGHT AHEAD.

As may be seen by the following article, which we copy from the New Orleans Times of 15th inst., Buck & Wright have borne off the highest premium in the stove line at the New Orleans Fair. Bix entries were made with Buck's "Brilliant," away ahead of the heap.

New Orleans Fair. Bix entries were made with Buck's "Brilliant," away ahead of the heap. The great stove trial was resurned yesterday at 12 o,elock, before a largely increased crowd over the day preceding. The utmost good hn-mor seemed to prevail, both among the exhibit-ous and spectators, all of whom seemed thor-oughly imbued with the good old P. R. principle of "may the best stove win." Promptly to the time the committee appeared on the judges' stand, Baunders, particularly, glowing with ex-citement and responsibility. The entries were the same as at the previous trial, and the en-gineers had not been charged. At ten minutes to one the drum tapped, and all lighted up. Norton's Furnace, run by Mr. E. Wood Perry, led off in smoke, amil the cheers of the crowd and loud cries of "Go it, old one." Charter Oak followed, and the rest gave vapor immediately after. In four minutes, just as they were as we might, my rounding the quarter strates, "Coltan Piant" popped in Bread-all followed suit as quickly as though life de-pended on the issue, but Buck's Brilliant had started fire with bread already in the stove. Then came the tug; the cooks' countenances glowed like the stoves, a perpetual snapping of opening and shutting doors resounded over the arena. Stoves were patted, coaxed and petted as though they were firman belags. All seemed the scene with numerous and encouraging comments from time to time. Mr. Perry's efforts seeming to be the greatest favored. At twenty minutes past one "Cotton Piant" threw open its throttle vaives and announced the scene with numerous and encouraging comments had increased to a baking heat, both within and without the arena. At last Peer-lem turned out its bread in 42 minutes. Norton's furnace foilowed still in 216 Cotton Piant" threw open its throttle vaives and announced that it wanted no more first. All the others "But up?' and "sceping dats." As the time for the bread to be haked approached, creite-ments had increased to a baking heat, both within and without the arena. At l C. F. STOFFERS.

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