

Damps.

thickened the air in the pit, and then it would appear again; they lighted their candles at it sometimes when they went out; and so in this pit it did no further harm?

In another pits, however, it from apparently, and at half produced a multi terrible explosions. "This was occasioned by none of the workmen going independent down with a lighted candle, after a cessation of work for some days, and the force exerted by it being equal to that of gun powder.

The formation of untractable air in mines cannot be attributed to any variation of atmospheric or there is no natural process with which we are acquainted, by which such a change could be accomplished. In one influence, however, we have an example of a change being produced, not only without any confidential flagration of atmospheric air, but where there is the best circularism recognizable. This is in large bellows used in metallurgical works, which are sometimes birth by an explosion of inflammable matter proceeding from the mine matters with which the leather is greased. Dr Priestley has shown, that inflammable air is comprised of pure elementary fire charcoal or phlogistons and stable water; and that this composition may take place even in water. All the materials are to be met with in the bowels of the earth. Coal, a bituminous substance, is abundantly able to supply the phlogiston; the natural motions of the earth affords water, and the heat, between goods, which constantly calls in the bowels of the earth, may be sufficient to produce a quantity of inflammable air, which gradually occurring falling in those places where it is not a constant threat of atmospheric air to carry it off, will soon produce the desirable effects already mentioned.

A much more important consideration than the formation of damps, however, is the proper method of avoiding their practical effects. The inflammation lies at one kind develops on eye methods of preventing it from accumulating, viz., by letting fire to it. This may be done with flying under it has been offered to get too far before the very moment is made: I'm the insanflammable air, being much lighter than any other kind will naturally fit to the day so that a man, lying flat on the ground to avoid the force of the explosion, and holding up a lighted candle fixed upon a pole, you at once free the mine from fetch a troublesome good. But where it has been allowed to accumulate in too great quantity, so that this method causes being used, or in the other kind, which is not inflammable, the method commonly justified is to produce a confluent circulation of air as much as possible through all parts of the mine. To procure this they make a perpendicular opening, which they call haunch or flaques, so that the mine may have two or more openings; and thus by reason of the difference of temperature between the open atmosphere and that in the mine, there is a constant danger of air through them both. This current will always be stronger in proportion to the difference between the external atmosphere and that of the mine; and likewise in proportion to the difference between the depth of the two shafts. But as the temperature of the atmosphere is variable, it happens, at certain seasons of the year, that there is not a sufficient

difference between that

of the atmosphere and in the mine to produce the necessary circulation. This happens principally in the firing and assembly, at which relation if necessary to fight iron in the fluids, which are always efficacious for the purpose defend.

Among the other uses to which dephlogitated air, might be applied, Mr Cavallo reckons that of recurring people from the dangerous effects of damps in mines, and some fishermenous places. If a large bladder;" says he, "into which a solution of lime in water is introduced, be filled with dephlogitated air, and in his wooden or glass pipe. He adapted to its deck, a man may hold that pipe in his mouth, and may breathe the oxygenated clay, and thus equipped he may enter into the fubterraneous places, until the various shades fluids contained in them. A large bladder of dephlogitated air will never be above a quarter of an hour, which is a length of time sufficient for various purposes besides, it longer time it required to be used in these places, perhaps may have two or more bladder of dephlogitated air along with him, and may breathe as fast as the air of use is contaminated. Without the receipt of any more complicated approach, the diabetes full of dephlogitated air may be kept flopped by putting corks into the gills or wooden pipes that are tied to their necks. This is mainly done to feed the diving balls."

DAMSEL, from the French damself or demasifons, an application anciently given to all young people of either sex, that were of endearment or gentle extraction, as the sons and daughters of princes, knights, and barons: thus we read of Daniel Prins Daudin Louis le Gros, David Richard spruce (My Wales).

From the fables of Kings this appellation has been piled to the use of great lords and barons, and a length to think of gentlemen who were not yet lords.

At present damful is applied to all meals or girls not yet married, provided by be not of the vulgar.

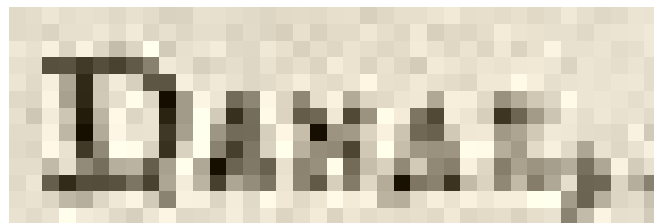
DANX, or Jo now, which shall literally denote "the river Dan?" to named from the people where it has its forces, which is also called Plulah, from its round figure, to the north of big apparent ting from the mountain Panman or Pancum, as was discovered by Philip, Tetrarch of Trecontenes, for on throwing light bodies into the Plulah, he found them to emerge at Pancum (Jofaphay) Eron Pancum it runs in a direct course to a lake called Manandames is for as which is called Yardan the Lafa and theme to the lake Cheretherly, of Tiberias, where it comes incredibly the lake Samanthous and its fringes and is called the Greater Yardan containing its check counts, forwards, till it falls into the Alkalities.

Dax (use grow), a term to the wet of the source of the Jordan's formerly called Leair (Jofhan, Judges, Jofaphus). This was the north, as Berichholz was the fourth, bounded of the patient, as appears from the common expectation in Scripture, from Dar to Beefheha. At Dan Jeradeam credited one of the golden calers (1 King size).

Dax, the tribe, extended itself wellward of Judah, and was permitted by Azotus and Dora on the Mediterranean (Jofaphay).

DANAE, in antiquity, a coin somewhat more than an

obolus, died to be put into the mouths of the dead, to pay their patige over the river Acheron.



Text inside picture (Parse): DANAS