hour when the eye is closed in the grave, and air and is highly explosive. when it wakes to the judgment.

SCIENTIFIC WONDERS.

The general faith in science as a wonderworker is at present unlimited; and along with this there is cherished the conviction ing lamp is filled from an open mouthed can, in Commons by 283 to 16. that every discovery and invention admits of is that the great weight of the vapors cause This history furnishes us abundant evia practical application to the welfare of men. Is a new vegetable product brought to this country from abroad, or a new chemical compound discovered, or a nominal physical phenomenon recorded, the question is immediately asked, cui bono? What is it good for ! Is food or drink to be got out of it? Will it make hats, or shoes, or cover umbrellas?-Will it kill or heal? Will it drive a steam en-The train of vapor proceeding from an open gine or make a mill go? And truly this cui bono question has been of late so satisfactorily a flame at the distance of several feet, causing answered, that we cannot wonder that the the explosion of the can. public should persist in putting it somewhat eagerly, to every discoverer or inventor, and should believe that if a substance has one valuable application, it will prove, if farther investigated to have a thousand. Gutta Percha vessel of any one of them should never be has not been known in this country ten years; opened within several feet of any flame what and already it would be more difficult to say ever. Nor should a lamp be lighted before it what purpose it has not been applied to, than has been carefully wiped, that there may be to enumerate those to which it had been applied. Guncotton, had not proved in its saddest way its power to kill, before certain ingenious Americans showed its power of healing, and forms one of the best sticking plaster for wounds. Surgeons had not employed press the fingers gently, from the nose, outether and chloroform as anæsthetics for three wardly, across the eyes. This flattens the puyears, and already an ether engine is at work pil, and thus lengthens or extends the angle in Lyons, and a chloroform engine in London. of vision. This should be done several times Of other sciences we need scarcely speak .- a day, till short-sightedness is overcome. Chemistry has long come down from her atomic altitudes and elective affinities; and now magnifying glasses, pass the fingers or towel scours and dyes, bakes, brews, cooks, and from the outer corner of the eyes inwardly, compounds drugs with contented composure. above and below the eye-balls, pressing gently Electricity leaves her thunder bolt in the sky, against them. This rounds them up and preand like Mercury. dismissed from Olympus, serves or restores the sight. acts as letter carrier and message boy. Even This is not offered as any thing new, though the mysterious magnetism, which once seemed it is of incalculable value. Prof. Bronson is a living principle to quiver in the compass going about the country giving lessons for needle, is now unclothed of mystery, and set from \$5 to 50, to enable persons to preserve to driving turning lathes. The public per- or regain their sight, in the above manner .-ceives all this, and has unlimited faith in He claims to be the discoverer of the idea; plum, one hundred peach, and fifty cherry man's power to conquer nature. The credu- and it may be original with him. Yet, says trees. This is divided into four compartments lity which fed upon unicorns, phœnixes, mer- the Phrenological Journal it was known long of two acres each. Two of these he ploughs maids, wampires, krakens, pestilential comets, before Bronson's birth. The grandfather of fairies, ghosts, witches, spectres, charms, a female friend of the editor practiced it fifty curses, universal remedies, pactions with Sa-years ago, and by its means preserved his tan and the like, now tampers with chemistry, sight so as to be able to read fine print when electricity and magnetism, as it once did with eighty years old; and John Quincy Adams, in the invisible world. Shoes of swiftness, se-ven league boots, and Fortunatus's wishing Pennsylvania, who wore glasses, told him if he the artichoke yards and range at will into the

electro-magnetic steam fire balloon, which from their external angles inwardly, he would will cleave to the air like a thunderbolt and soon be able to dispense with glasses. Ford go as strait to its destination as the crow flies, tried it, soon restored his sight perfectly, and hy advanced in one of the fields to turn them abundance of clean water, fresh every day; is an invention which we may hope to see re- has since preserved it by the continuance of into that. Thus upon grass, roots, and fruit, alized, before railways are quite worn to his practice.

can is opened and the lamp filled at a proper mons, 41 to 20 in the Lords. distance from any flame whether of lamp or In 1807, Lord Granville brought into the suds, bones, and everything that will tend to them to flow directly downward and they do dence for hope and encouragement. not reach the flame. del no.w

Any person understanding these facts, must be desperately fool-hardy who will thus fill a burning lamp, when the least breath of air may raise the train of vapor to the flame and explode the magazine in his hand, throwing the combustible fluid all on fire in every direction can of burning fluid, has been known to reach

These "burning fluids" are all very safe and as all who use them know, very convenient when used with care, but all who do use them should understand their true nature. A none of the fluid upon the outside.-Hartford Courant.

Preservation and Restoration of Sight.

For Near-Sightedness .- Close the eyes and

For Loss of Sight by Age, such as require

caps are banished from the nursery; but an would manipulate his eyes with his fingers two grass yards and this till winter, when they

zerval is unobserved. Like a dream of the of course running in and filling the place be-once. In 1806 (10th June) Mr. Fox moved favorable seasons, in some of his crops, but night, when, with the quickness of thought, fore occupied by both vapor and fluids. This " that the House, considering the slave-trade his correct system of culture, and intelligent the mind ranges time and space almost with- is the moment at which the explosion takes to be contrary to the principles of justice, hu-management, generally makes up for every out a limit, there is but a moment between the place; for the vapor has thus been mixed with manity and policy, will with all practicable loss experienced from this source.

expedition take effective measures for its abo-

fire. The principle reason why an explosion House of Lords, "A bill for the abolition of enrich it, is carefully saved and properly apdoes not invariably take place when a burn- the slave trade." Passed by 100 to 36, and plied.

R. MCCURDY.

The Farm.

[From the Obio Cultivator.] THE MODEL FARM OF OHIO.

The model farm of this State contains one hundred acres, seventy-five of which are well cleared, and the whole under fence. Sixty acres are embraced in one enclosure, and this includes all the arable and meadow land upon the farm. The buildings are all stone, neat, durable and commodious. The dwelling is the family and a room and a bed or two for an occasional friend. The kitchen and stables are supplied with water from the same spring. No stock but hogs and sheep are permitted to at four. During the summer they are soiled with green food, consequently twenty acres in grass is sufficient to keep four horses and ten cows with their offsprings, until the young stock are ready for the market at three or four years old, when they average him thirty dolto sell ten head a year. For his stock he raises one acre of roots, sugar beets, mangle-wurton an average about fifteen hundred bushels. Of corn he cultivates five acres a year, which by proper culture and judicious rotation, yields him five hundred bushels. Five acres in wheat gives yearly one-hundred and fifty bushels. Five acres of oats, three hundred bushels. He has an orchard of eight acres, in which up every year, and in the spring plants them in Jerusalem artichokes. Here he keeps his hogs. In the two that are not ploughed, he has a clover and orchard grass lay, in which the swine feed from the middle of May to the

His system of saving and making manures All danger is of course avoided when the lition." Carried by 114 to 15 in the Com- turns every thing into the improvement of his soil-weeds, ashes, the offal of his stock, soap-

The history of this man is brief, but, to the farmer, interesting. He began with the patrimony of good sense, sound health, and industrious habits. Excellent so far. In 1830, he had three thousand dollars in cash. He bought this farm in a state of nature, in 1830, for which he paid four hundred dollars. He expended four hundred dollars more in clearing his land, in addition to his own labor. He first put up a temporary cabin, in which he moved his family. One thousand dollars he put out at permanent annual interest, and the remainder, with the early profits of his farm, he appropriated to the erection of his buildings, which were complete in 1843.

In the selection of his fruit, he songht the not large, but spacious enough for the use of best varieties, which always gave preference inthe market. So of his stock. Everything he sends to the market commands the highest price, because it is of the best kind.

In his parlor is a well-selected library of graze. The cattle and horses are constantly some three hundred volumes, and these books kept in their stalls, and are always in good or- are read. He takes one political, one religious, der. The cows are at all times fat enough for and two agricultural papers, and the North the butcher, and the growing stock at two American Review; refuses all offices, and is years old attain the weight of ordinary steers with his family, a regular attendant at church, and a pious, upright, and conscientious man. He is the peace-maker in his neighborhood, and the chosen arbiter in all their disputes. He loans his money at siz per cent., and will take no more.

He says he wants no more land for his own. lars per head. Of these he makes it a point use than he can cultivate well; no more stock than he can keep well.

Here is a model of a man and a farmer, and zel, and turnips, each year, which yield him the model of a farm. Who will be happy and follow his example?

Feeding Poultry.

The following method, from the Transactions of the Essex Co. Agricultural Society, will be found a good one :--Once a day, in Summer, feed on a mixture of corn and barley, or corn and oats. This will be sufficient, if your fowls have a large enclosure, where they can obtain gravel, insects, worms and green food ; if they are confined to a small space, these substances must be supplied them liberally. In winter, keep corn, mixed sometimes with oats, constantly before them, as well as pounded oyster shells, burnt bones or clam shells; occasionally, give boiled potatoes, mashed and mixed with Indian meal or bran,-warm, but not hot. Let them have wood ashes, to dust themselves in, and an in freezing weather, the water should be lukewarm. Chickens require no food for the first twenty-four hours after they are hatched ; we have, however been in the habit of giving them water, in about twelve hours from the time they leave the shell. After the first twenty-four hours, for the two succeeding months, give cracked corn, dry, three or four times a day; occasionally vary their food, by giving sometimes cooked meat, chopped fine and sometimes crumbs of bread. We think dry food much better for young chickens than dough, or any substance mixed with water .---An abundance of clean water should be constantly before them. and annual the reason bre

pieces. A snuff box full of the new manure which is about to be patented, will fertilize a Succinct History of the Contest in Great Britain on for the butcher. In this way he manages to field; and the same amount of the new explosive will dismantle the fortifications of Paris. By means of the fishtail propeller, to be shortly laid before the Admirality, the Atlantic will be crossed in three days .- Edinburg Review.

Burning Fluid.

so distressing, arising from the use of the va- question of abolition was treated in Parlia- raised them all well, having given each child rious simple and compound Turpentine fluids, ment as antislavery petitions were by our may be entirely avoided by an understanding of the nature of these fluids, I send you the following, which I hope may be of interest to SAND persons refrained from sugar altogether; no trouble to inform me of the result of his some of your readers, more especially as the there was no free-labor sugar at that time. explanations usually given to these phenomena In 1792 and 1793 a simple resolution by lows : are incorrect.

Camphene is pure spirits of Turpentine.-Commons, but the Lords rejected it. The various burning fluids are mainly Tur- In 1795 and 1796, the effort was renewed 25 hogs, at \$12 per head pentine dissolved in Alcohol (Spt. of Wine) or and negatived. in Wood Alcohol, (Wood Spirit,) by a pro-cess of distillation or otherwise. Camphor defeated. and some other combustible substances are Nothing was done until 1804, when a bill added in some cases I believe. Now, as every passed the House of commons, but was de-Other smaller crops body knows, both turpentine and alcohol are feated by the Lords. readily volatile of ordinary temperatures, and their vapors are highly combustible and are also In 1805, it was renewed and lost. In 1806, the bill passed both houses. very much heavier than the air. Any com- Here was a struggle for eighteen years bustible gas or vapor will explode when mixed merely to obtain parliament to consent " that in suitable proportions with the air. Owing the trade carried on by British subjects for the

the Slave Trade.

London Committee, in 1787.

slavery was made.

Efforts were made in 1789 and 1790 and dred pounds of wool a year. As those dreadful accidents, so frequent and 1791, but with no prospect of success. The Mr. Wilberforce was carried in the House of

are passed into the second artichoke yard, where they are kept till the grass has sufficientthe swine are kept so thrifty that a few bushels of grain are sufficient to make them ready kill thirty hogs a year, which will average four Organized anti-slavery effort in Great Brit- hundred pounds each. He gives them beet

His sheep range principally in the woods In 1788, the first effort in Parliament on with a small pasture of five acres. He keeps seventy five head, which yield him three hun-

As this farmer has raised a large family, and a good practical education. I was chrious to mode of proceeding which is brieffy as fol-

PRODUCT OF THE FARM."

10 beef cattle averaging \$30 per head 200 bushels corn at 25 cents per bushel

Shanlash The Service 37.1.98500 erchard and an and here sa Do

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Average cost of hired labor per annum

Striped Bugs in Melons, Cucumbers, &c.

We have before recommended the use of Haarlæm oil and Scotch snuff for the melon bug, and it has always proved effective. Yes-\$300 terday our gardener threw around some me-300 lons and cucumbers, on which the striped bug 50 had made its appearance, a quantity of pul-100 verized burnt bones, and we have been noting 200 the effect. The black color seems to be dis-300 agreeable to the bugs; they first rise when 100 disturbed by the bone-dust, and for a few moments hover over the hills, but do not venture \$1,350 to land, except outside the blackened part of 300 the hill, and after a few moments they decamp. We hope this method may prove ef-\$1,050 fective, as the black coating of melon and cu-

Thus, from one hundred actes of land even in cumber hills, by increasing the amount of to the volatility of these liquids, the burning purpose of obtaining slaves on the coast of Ohio, this man has been able to lay by and in- heat absorbed, is useful to them, and if at the fluid, or camphene, or other fluids, whatever Africa ought to be abolished." It was ue vest at interest, on an average \$500 a year for same time the bug can be kept off, we shall be it may be called, will be always full of these vapors, and when the fluid is poured out, a portion of the vapor is poured out with it, air was admitted into the House of Lords but like others, he has suffered somewhat from un-ling Farmer.