barrel it. Let it stand for 8 or 9 months, when i it should be racked off and buttled and corked close; age improves it.

WHALE LEATHER - Squeezing oil out of stone which is spongy the remainder is split to make it working in the field of the usual shoo thickness. It is remarkably ferent directions atough, but as soft as buckekin, and it repels shaking it consider water well. The Yrnkee boot is most miser, around. On providing they found large able; the leather is spoiled by had tanning and they found large worse working up. This makes unfair relation stones have been between supply and consumption, which it will weighing (seven d growing alarmingly scarce; and we behold in it a beautiful provision of Providence, only excellediby the discovery of coal oil at a juncture still iron. mere critical in the history of human progress.

GURING GREEN CORN .- The following is the Indian method by which they treat green corn four miles from town. It is supposed that many for making succothsh, etc. during winter .-When the green corn is fit for use, a pit dug from two to three feet in diameter at top, and gradually enlarging it at bottom. - v five feet down, from six to eight feet in a oter. A large firm's then built near by, on which stones moniously by the rushing mass of rock proceedare beated, and when red-het the stones and live coals are shoveled into the botto a of the pit, and sprinkled over with fine loose dirt. The corn is rections; but the stones seem to have fallen but then thrown in with the husks or, just as it is short distances southeast of our town. No small pulled from the stalk, until the pit is nearly full. pieces of stone have yet been found—the smal-Then comes a thin layer of loose dirt, then hot en created much excitement, and at the time of stones (enough to chese the pet.) and the whole its occurrence, many persons (especially the su-covered with earth to retain the heat. When the perstitions) supposed that the "end of all things whole gools off in high takes s-verst slays,) the carthly" was at hand. It was, to say the least of it, a wonderful event. I leave speculation (as to pit is opened and the corn is found to be delight- (its cause) for the consideration of your scientific fully cooked. When cool, the are stripped off readers. and the corn dreef in the sun; "hen thoroughly dried the corn is shelled off ensity, and is then packed away in bags for use.

CONSUMPTION AND ITS CAUSES.

At a recent meeting of the Geographical and Statistical Society, held in this care, a valuable paper was read on the mortality of consumption by Henry B. Millard, M. D. He estimated that nearly one-sixth of the deaths among the human occur from consumption. I rom statistics extending over a considerable period, he found that one death in every 5.7 occurred from consamption. In New York, from ISO4 to 1820, one dentii in every 1.3 was caused by consumption; from 1820 to 1835, one in 5.4; from 1836 to 1850 one in 6.5; 1848 to 1859, one in 8.11. Of deaths in the army, he found that the greatest number of cases of consumption was from 6.9 to 9.2 anmully for every thousand men, between latitudes 36° and 25°, characterized by high temperature copious rains and excessive meisture. The smallest number of deaths was 1.3 per thousand men, in New Mexico, characterized by a high land and dry atmosphere. While consumption is rare in countries of high latitudes, it is curious that in tropical countries the proportion of deaths is often too small to be calculated. In all Judea, in 43 years, only 29 died of consumption. The theory that the sea air may prevent, as well as cure, consumption, is supported by statistics. In the British army, out of 14,590 men, 51 died of consumption; while out of 12,942 men in the navy, only 19 died of that disease. Consumption is not necessarily more prevalent in large than in smali cities. Among the trades and professions the following order of mortality by con-sumption was mentioned; the greatest was among the tailors, shoemakers; next came blacksmiths, gardeners, bakers, butchers and lawyers; the mortality among tailors being four times that its, and proverbial idleness as a scholar, and he of the lawyers. The greatest mortality by consumption among males is said to be in the city. There is greater liability to consumption between any of his children, the hoped it might be Isaac the 20th and 30th years of age than at any other

At conclusion of the reading of Dr. Milard's that the master, irritated beyond measure, dispaper, the thanks of the meeting were presented to him and a copy requested for the orchives of the society.—[New 'ork Paper.]

METEORIC MYSTERY.

meteoric phenomenon every known in this coun-

angar (brown will do); let it stand in an open apparently at the northwest corner of the town. vessel for 24 hours; skim and strain a, then This produced much astonishment, as we have no cannon in our town; and just as everybody was ready to ask what caused the report, mother burst upon the ear, directly over the town, as it appeared to us. This report was followed by eight or ten more, in quick specession, resembling the loud beating of a bass drum. After coal was a thing to be thought of as a meracle that these reports a singular rumbling, whizzing noise might some day convert the heathen; but to get followed for about two minutes. The greatest shou leather from the skin of a whale is so rea- consternation was created. People ran into the senable a probability, that one is amazed it streets, horses took fright, and cattle and sheer should not have been long ago attempted. A in the fields ran to and fro with wild excitement. should not have been long ago attempted. A in the fields ran to and tro with wind excitement. The earth seemed to tremble, and the concus Frenchman has obtained a patent for whate leath- sions were felt sensibly in many houses. Som her, and remarkably pliant stuff it is. The skin after the explosions, I was told by several peris so thick that, after removing the inner portion, sons that many large and peculiar stones had been found scattered all over the town. Men dork balls flying in difhting upon the earth, several hundred feet o the several, spots, bedded two or three hot! Several of these and brought to town. spectively) 30, 36, 40. need all the whales of ocean to equalize. The 42, 51, 53, 534. The best are different from discovery comes at time when land leather is burnt to that color, but when broken the body appears a species of sandstone, of a bluish cast. and is supposed to contain a large quantity of

They are very heavy for their size, and all have the same appearance. The nearest one was found one-half a mile, and the farthest off about more will be found, and searching parties of citizens and strangers (who have come here for the purpose) are out during the day "looking up" the monderful stones. At the time of this singular occurrence, the sky was clear; the only large cloud visible was whirled about uncare ing from the northwest to the southeast. The shock was felt and the reports within the radius of about 20 miles from this place, in different di-

SIMPLE EXPERIMENT IN NATURAL MAGIC

When a person looks into a mirror that is placed perpendicular to another, his face will appear entirely deformed. If the mirror be a little inclined, o as to make an angle of 80°, he will then see all the parts of his face except the nose and forehead. If it be inclined to 60°, he will appear with three noses and siz eyes; in short, the apparent deformity will vary at each degree of inclination and when the glass comes to 45°, the face will vanish. If, instead of placing the two mirrors in this situation, they are so disposed that the line of junction is vertical, their different inclinations will produce other effects.

ILLUSTRIOUS DUNCES.

An interesting chapter might be written on he subject of the illustrious dances—dull hoys and brilliant men. We have room, however, for only a few instances. Pietiro di Cortona, the painter, was thought so stupid that he nicknamed " Ass Herd" when a boy; and Tomasco Guidi was generally known as " Heavy Tom," (Massoccia Tomasaccio.) though by diligence, he afterward raised to highest eminence. Newton, when at school, stood at the bottom of the lowest form but onc. The boy above Newton having kicked him, the dunce showed his pluck by challenging him to fight, and heat him. Then he set to work with a will, and determined also to vuanquish his antagonist as a scholar, which he did, rising to the top of his close. Many of our greatest divines have heen anything but precocious. Isanc Bairow when at the Charter school-house, was netorious chiefly for his strong temper pugnacious habcoused such grief to his parents, that his father used to say that if it pleased God to take from him the 20th and 30th years at age than at any other period of life. The general conclusion was, that humidity of the atmosphere is favorable and dryness unfavorable to the generation of the disease, but moist eait water is not calculated for its developments. Want of exercise Dublin University, and only obtained his recommendative tends to produce it. It is more necessity and only obtained his recommendative tends to produce it. It is more necessity and only obtained his recommendative tends to produce it. It is more necessity and only obtained his recommendative tends to produce it. and air tends to produce it. It is more prevalent among females than among males. There
well-known Drs. Chalmers and Gook were boys
are no reasons for the conclusion that the discase is either on the increase or decrease.

At another of the reading of Dr. Managers,
and they were found so supid and mischievous,
and they were found so supid and mischievous,
dis-

pacity as a boy, that he was presented to:a tuter by his mother, with the complimentary accomplishment that he was an incorrigible A correspondent to the Scientific American launce. Walter Scott was all but a dunce when writes from Ohio, on April 21st, "our town and a boy always much readier for a "bicker" than vicinity was visited with the most extraordinary apt at his lessons. At the Edinburgh University, Professor Dalzel pronounced upon him the try. About half past 12 o'clock a loud report, sentence that " Dunce he was, dunce he would resembling the report of a cannon, was heard, remain." Chatterton was returned on his moth-

family, glad to get rol of him, shipped him off to Madron; and he lived to lay the foundation of the British power in India. Napoleon and Wellington were both dull days, not distinguishing themselves in any way at school. Of the former the Duchess d'Abrantes says, " he had good health, but was in other respects, like other boys." John Huward, the philauthronist John Howard, the philanthropiet, was another illustrious dunce, learning next to nothing during the seven years he was ut school Stephenson, as a youth, was distinguished chiefly for his ski'l at putting and wrestling, and attention to his work. The brilliant his Hum plirey Da y was no cleverer than other boys his teacher, Mr. D vies Glbert, says of him While he was with me, I could not discert the qualities by which he was most distinguished." Indeed, he himself, in after life, thought it fortuninate that he had been left to "enjoy so much idleness at school." Watt was a dull scholar, notwithstanding the pretty stories told about his precocity; but he was what was better patient and perscuering, and it was by that means, and by his carefully cultivated inven-tiveness, that he was enabled to perfect his steam-engine.

Historical.—Wednesday, the 20th of June ompleted the 23rd year of the reign of Victoria. the L., who assended the British throne in 1837 a month after she had completed her 18th year h ugh she had only reached to middle life, her her reign has already been a long one, longer we believe, then the average of reigns, and she may have the longest reign of any English sovereign, and still not die at a very advanced age Of the monarchs who have worn the English crown since the Codquest, 20 did not wear it so long as it has been worn by this lady, who may have it for 30 years longer, and then not be much older than was Elizabeth when she died. William I., William II., William III., Richard I., John, Edward II., Richard II., Henry IV., Henry V., Edward IV., Mary I., James I., James III., Mary II., Anne, George L. George IV., and Willi im IV. all reigned less than twenty-torce years, but some of them assended the throne at advanord ages, particularly the immediate predcessors of the present Sovereign, George IV. and Wil Jiem IV., who were her uncles. The Hanoverian overeins of longland have mostly begun their igns when they were old. George I., became King at 54. George II., at 44. George IV., at 58 and William at 64. George III. was in his 23rd year when he began to reign, and had he lived nine months longer he would have had a reign of sixty years. The next longest English reign was we sthat of Henry III., which lasted fifty-six years or thereabout. Edward III. had about half-a-century of rule; Elizabeth had not quite forty years; Henry VIII: nearly thirty-cight years, and Henry VI. turry-nine years. The shortest reign in England—for that of Lady Jane G ay counts for nothing in figures, though the poor girl found it a serious thing in fact, seeing that it made her and hers so well acquainted with dull blocks and sharp axes-was that of Edward V. which lasted eighty-eight days. Ed ward VI. reigned six years and a half; and his sister and successor, Mary I., five years and four months. Three of the female sovereins of England-the two Marys and Anne-reigned, alto gether, not much longer than Victoria has already reigned No such thing has ever occurred in England as once happened in France, namely; that there were but two monarchs in 131 years. Louis XIV.'s reign began in 1643, and that of his successor, Louis XV., terminated in 1774.

School Hours and Exercise.-Mr. Edwin Chadwick whose name is identified with so many important social reforms, has of late been prosecuting an educational inquiry of great interest. He was, as our readers may remember, appointed by the British government a commissioner to enquire into the excessive labor of young persons in cotton factories. The results he obtained led him to propose measures, which were in part executed, for reducing the working time of chilexecuted, for reducing the working time of children under thirteen years of age to six hours a "When the Christmas holidays were over, I day and for ensuring their extended and the christmas holidays were over, I day, and for ensuring their attendance at school went up to London by the Parliamentary training the residue of the time, 'say three hours. The and hired a lodging for one week from Thomas children under this provision are called "half- Joy. He informed me that the first step to be timers;" and it turns out, according to Mr. taken in patenting the invention was to prepare Chadwick's investigations, that in well-conducted schools their attainments are quite equal to those of the "full-timers," who attend school six hours daily, while in aptitude for the application of of the "full-limers," who attend school six hours these we likewise, drew up. After a deal of dally, while in aptitude for the application of the couple I found out a Master in Southampton their knowledge they are said to be superior. As Buildings, Chancery Lane, nigh Temple Bar, their physical labor, so they do in most at conditheir physical labor, so they do in mental condition by the reduction of the time devoted to men-

Mr. Chadwick made also a close examination children, and found, upon the testimony of the he signed it, and I was told to take it to the most intelligent teachers, that, they could not Attorney General's chambers, and leave it there keep up voluntar; ettention to study beyond two for a report. I did so, and paid four pound, four hours in the morning and one hour in the after. Note:—Nobody (all through) over thankful for noon. By force, even, they cannot get more than their, money, but all uneivil, a half-hour and that proves in the end a mena half-hour and that proves in the end a mental mischief as well as a bodily injury.—From for another week, whereof five days were gone, those facts it would seem to follow, as he contends. The Attorney-General made what they called a

er's hand as "n fool, of whom nothing could be that our school system are a violation, in this

athletic exercises.

Goldsmith spoke of himself is a plant that mental work, to a certain extent, by their athletic games. Not so with gifts. In boarding schools when he entered it, and add not begin the studies by which he distinguished himself until he had run over half of Europe. Robert Clive was a dunce, it not a reprobate, when a youth: but always full of energy, even in badness. The world and have sent these daughters to day or boarding schools, and kept them from work, are shorter and generally of inferior strength to the working mother's; that the proportion of mothers of the well-to-do classes who can suckle their own children is diminishing; that among women who have one servant there are ailments which are unknown among women who no servants; and that these ailments are worse with women who have two servants, and get very bad indeed, and with new complications of hypochondria, among women who have three servants.

The remedies recommended by his gentleman are the reduction of the ordinary school hours by one half, and the devotion of them bither to manual labor or gymnastics. But no form of exercise he thinks, is equal to the naval and military drill. -[New York Evening Post.

A JOURNEY UNDER PARIS .- A correspondent of a Swedish Journal furnishes an interesting account of a subterranean voyage made through one of the admirably constructed sewers of Paris. The boat which conveyed the party was reached by descending a flight of steps to the depth of about forty-five feet. The hoat a flit-bot omed affair, was lighted by four lamps. The sewer is an archway, fifteen f et high and of equal brea ttb with a ditch or canal about ten tet wite, wherein ell the dirt and filth of Paris is carried away. On the side-walks, which together are about four feet wide. The whole is built of beautiful white sand-stone, and is kept remarkably neat and clean. No stench or bad smell was perceptible. The denser portion of the fitch is carried away through large drains beneath the ide-walks.

The side-walks are excellent, and exhibited no signs of dampness, white the walls of the archway are kept white-washed and are at all times white as the driven snow. The structure possesses the properties of an immense speaking tube, the workmen being able to converse at the distance of two miles from each other. The ceho is very strong and lasting. The fabric is sa d to be built afte a model of the Catacombs of Rome, aided by the latest improvements. On both sides, at about two hundred, yards distant from one another, are openings, through which the workmen can assend by means of permanent iron ladders, in case a sudden rain storm should cause the water to rise over the side walks. which is, however, of rare occurrence.

The contents of the sewer of course flow into the river Seine, and the current is sufficient to carry along the boat used with considerable velocity. Large reserviors are constructed at intervals. into which the water can be turned for a short time in case it should be necessary to have the

canal dry for a little while.

The whole work was completed in two years. Beside the main canal, there are many minor ones constructed under the principal streets, all of which can be made to communicate with one another, These admirable underground works are accessible from the Louvre, the Tuileries, and from a'l the barracks, and should the Parisians take a notion to barricade the streets in any portion of the city the imperial government might at short notice, and without any person being aware of it, transport troops, and, if there is time to make use of the reservoirs, so can cavalay viso be transported the same way.

There is an end to shooting on the soldiers from the windows, and a revolution in Paris will soon only be remembered among things that have been, never to occur agian. Through these underground passages a prisoner can easil, be taken from the Louvre to the Seine without attracting attention, and thence sent off by railway, which is near at hand. This splendid system of sewerage was one of the pet schemes of the first Na-

AN INVENTOR'S EXPERIENCE IN PRO-CURING AN ENGLISH PATENT.

Dickens, in his own peculiar way, thus relates, the " circumlocution" experience of an inventor a petition unto Queen Victoria. A declearation before Master in chancery was to be added to it. pence. I was told to take the declaration and petition to the Home Office, in Whitehall, where I lest it to be signed by the Home Sccretary (after I had found the office out), and where I of the best of the long time schools for young paid two pound two, and sixpence. In six days for a report. I did so, and paid four pound, four. Note:-Nobody (all through) over-thankful for