be found in the memoir attached to the recent in water along with a bar of hard soap for so much time had passed. There is some edition of his works.

well as massa Bellamy. Massa Bellamy, he cleaner the soap is, so much the better for make God so great—so great!" "A most washing.—Scientific American. discriminating estimate," said a minister who had often listened to Bellamy; "for of all preachers I ever heard, Dr. B. was the most successful in making God great, great in his by the boring of the Artesian wells in the building. In the erection of houses it must character, and great in his government."

### RECEIPTS FOR WASHING.

It seems that the whole country has been flooded with pamphlets and paragraphs about tion of the earth, or at least a portion of it, is about to be formed to manufacture this materendering washing no job at all, that being an ingenious ocean of melted rock, agitated rial in New-York. What a city this will be, performed merely by steeping and boiling without any scrubbing and rubbing, as was done is still rendered highly probable by the phe-in the old fashioned way. It is promised by nomena of volcanoes. The facts connected the houses themselves are all built with all these new-fangled receipts that one person may do a washing for twenty before taking breakfast. As this is a feat worthy of Jack the Giant Killer, it would be a great blessing were it only a fact, but it happens only to be a fiction.

The bleacher of cotton goods, and the artistic shawl washer (a very particular busi- capital exhibition of Vesuvius. We must look ness) have long been in advance of the do- higher than this, and I have little doubt that mestic economist in respect to the purifying and cleansing of goods, and so far as what is galvanic principles, which are constantly in termed science is concerned, we must say, that operation in the earth. as a general thing, the majority of our scientific men are sadly defective in knowledge of the operative useful arts. Caustic lye made developed, and a light is produced, superior of soda and lime is used in every bleaching even in effulgence to that of the sun. Now if establishment, and is the best liquid with a small arrangement produce such results. which we are acquainted for dissolving grease. It is this which combines with tallow to make soap, hence a little of it used in water for steeping clothes previous to washing, will soften the grease that may be in them, and enable it to be rinsed away in the water. But it is no labor saving soap to mix good soap with ry, made of zinc, bismuth and antimony, caustic lye-it is the very reverse. The smallest possible amount of lye that can be involved below, while the top is cold; and used in washing, so much the better for the here we have the very cause of volcanoes, texture of the clothes. As caustic lye is very when in the interior a fiery ocean is heaving severe on the hands, we advise no one to use its surges, while its peak is capped with ever it who has tender hands. Washing is made lastings now .- Prof. Silliman. easy by using an abundant supply of good soap. The following plan for white clothes, we believe is the best that can be used.

and steep the clothes for about twenty mi- in making some chronometers lately, found it of farmers. nutes. Then take them out and rub good impossible for the workmen to keep awake But some will ask, when shall we cut our hay? on the top. It may then be carefully turned hard soap on the creases that are most soiled, when they were setting the instruments a going. Botanists assure us that medicinal and culina- over, and when thus partially cured, placed rubbing those parts between the hands or on It is necessary, in regulating them, to count ry herbs should be cut in the bloom, certainly in high slender cocks, and remain until suffithe board, and wring them out of the suds, the beats in a minute by a regulator, and before the ripening of the seed; since at that ciently dry to remove into the barn. Clover and put them into a tub of warm water, in change the hair-spring until both go nearly in time they possess more saccharine matter and may be housed in a much greeuer state, by which has been dissolved some soft soap; pound time; then the screws in the balance are turned essential oil. We think the same rule is of spreading evenly over it in the mow, from ten them in this, then boil them, then rinse them until the greatest maximum is obtained, when general application to the grasses intended for to twenty quarts of salt per ton. Some add a in clean water, then blue them, wring them they are rated and the rate registered. The the food of beasts. Clover, for instance, cut bushel, but this is more than is either neceswell, and hang them out to dry. It is best to workmen find no difficulty with the parts, but in the blossom, is a rich fodder, but allowed to sary for the clover, or judicious for the stock use a little soda in the boiling. No soap must when the whole movement is going, any per-ripen and it is not better than oat straw. be allowed to dry in the clothes, or they will son who sits down and counts the beats, or appear in yellow streaks. There is indeed no watches the motion of the balance, invariably im as wise as it is old. But he who would go the forage. A mixture of alternate layers of necessity for so much rubbing, as a general becomes drowsy. Attempts have been made vern his conduct by it must use the scythe dry straw with the clover, by absorbing its thing, only those parts that are very dirty, with other clocks, but they do not produce while the sun is rising. "Up and at it" was juices, answers the same purpose, while it masuch as wristbands, &c., -without rubbing the same sensation. The clocks are of pol-the significant phrase by which a skilful cul-terially improves the flavour of the straw for they will not be made clean; this is the uni- ished work, and gilded by a peculiar galvanic tivator was wont to summon his workmen from fodder.—Am. Agriculturist. versal testimony of all those who have used process, which, if the facts be as here stated, their nightly repose to the scythe at 4 o'clock, the advertised labor-saving soaps. It would be well if more good soap was used in wash
What is curious is, that the person who is put mowing at 10 o'clock, and all the work of the farmer should never undertake to cultialways at the side of the rubbing tub, and as the suds get weak, they should be strengthened by an addition of some more dissolved soap. When the suds get dirty, don't use them any longer for white clothes. Calicoes should be longer for white clothes are company of men at work and half of the sum one day, then put it into cocks of 75 or 100lbs., where it remains two or three longer for the lon washed in strong cold suds, so strong that strangers, and it invariably produces the same hay spread out in the sun for two or three himself or family; if knowledge is power, the they will feel slippery between the fingers; effect. On Saturday last a collier came to the flames should be washed in the same way, factory with a load of coals, and was admitted and then rinsed out in cold water, softened into the finishing room to see the clocks. One way they convert it into a rich fodder for never use ardent spirits as a drink; if, while with a little soda. The soap should never be of the workmen desired to make the experitheir cattle, instead of that sapless, husky, undergoing severe fatigue, and the hard larubbed on calicoes nor flannels; calicoes of ment; accordingly the old man was put to tasteless old dry fodder which some call hav. be sent for washing to those who make it their turb the sleeper, but the moment the clock much nor too little.

Linearing agreement at a taken a land the first of

anecdote, which is not new, but which may business. About an ounce of borax dissolved was stopped he awoke, and was surprised that washing, is a most excellent substance for great principle hidden in these phenomena seen hay thus kept, where several inches upon The anecdote is related of Backus, the suc-those who have tender hands, and it assists in that is truly mysterious." cessor of Bellamy, that soon after his settle- the removal of grease and dirt along with the ment in Bethlem, as he was one day riding soap. It would be well if those who make out, he met an old negro eminent for his piety, their own soft soap in the country, paid partiwho had long attended on Bellamy's ministry; cular attention to put no grease but that which and as they were going in the same direction, is clean in their barrel, or if this cannot well tell into conversation with him. Perceiving be done, it is best to dissolve all the soap they very soon that he was not recognized, he asked use in warm water before washing, let it settle as a matter of curiosity—" Well, how do you awhile, and then pour off the clean. This water. This process, it is said, renders comhike your new minister here?" "Very much" should also be done with dissolved hard soap, mon pine wood as durable as hardack or iron rakes, will do the work of ten or twelve men.

## Interior of the Earth.

suburbs of Paris, namely, as we go towards be valuable, as it could never burn up! We the centre of the earth, the temperature in- see it stated that this practical wooden alchecreases at the rate of about one degree for my was invented by an Englishman, and introevery fifty feet. That the whole interior por-duced here by a Yankee. A company is by violent winds, though I dare not affirm it, when the streets are lighted and the houses with their eruption have been ascertained and Payne's-what shall we call it ?- Express. placed beyond a doubt. How then are they to be accounted for? The theory prevalent some years since, that they are caused by immense coal beds, is perfectly puerile, and entirely abandoned. All the coal in the world would never afford fuel enough for a single the whole rests on the action of electric and

We know that when certain metals are brought together powerful electric action is what may we not expect from the combination of those immense beds of metal to be found in the earth? Here we may have the key to all the grand phenomena of volcanic action. An illustration on a small scale, may be seen in an instrument called the theo electrical battepacked in a box varnished. In this, heat is

# A New Form of Mesmerism.

The New-York Evening Post says that Dissolve a little soda in clean warm water, certain clock makers at Bristol, Connecticut, yet it is one of the most agreeable operations evenly. The swath, unless very heavy, ought ing clothes—it would save a great deal of la- to sleep continues to count the beatings of the day before sunset. By this means he dried his vate more land than he can do thoroughly bor. A bar of soap ought to be cut into small time with his hand or foot. The writer in hay more in one day than many of his neigh- half-tilled land is growing poorer-well-tilled pieces and dissolved in some water, and kept the Boston Post, who gives an account of the bors in two. But there is such a thing as land is constantly improving. A farmer should

Antipode, Carlonnes, State Series, in the citie year of the new for the Astronomy Series Se. 1230 --- Dir. Birthysin was, State Series, of the city of graves, were the Astronomy Sec. 1230

## Wood vs. Iron.

One of the most curious inventions that we have heard of lately, is one for extracting from the pores of wood all perishable matter, and filling them with an insoluble material as hard as iron, resisting dry rot, wet rot, fire and color of the injection, the appearance of the be without one." wood is entirely changed when worked up.-It is said to be susceptible of a high degree of polish, and it is supposed that ere long it will A fact of general interest has been proved supersede iron in railways, and oak in ship-

## The Farm.

#### WORK FOR JULY.

to the farmers of New Brunswick and one in serve the purpose for which it is intended. which our readers many of them will soon be

produce diarrhoa, and other complaints of the nishing salt to the cattle and the manure heap. bowels. Drink cold water; and if excessive perspiration or any other cause produce ex- blossomed and assumed a brownish hue. By haustion, take a lunch not a dram.

Don't stack your hay, unless you can afford to lose a large share of it, for we have seldom the surface of the stack were not worthless. If your barn will not contain your crop, and you have not time or cannot afford to build an additional shelter, purchase a press, and put your hay into small bundles, and then you can store a large quantity in a small barn.

Have you a good horse rake? There are few instruments for the same money that will save so much time, especially hay time, is wood—the timber never shrinks, and from the "No farmer with a dozen acres of hay should

Cutting Grass and Curing Hay.

This must depend on the kinds of grass cultivated. Timothy affords nearly double the quantity of nutriment, if cut after the seed is formed, instead of while in the flower, and it is then much more relished by horses and a portion of the stock. This grass, therefore, should never be cut for them, except when the seed is formed. The proper time for harvesting, is between the milk and dough state, when it will nearly ripen after cutting. Orchard grass, on the other hand, although possessing two-sevenths more nutritive value for hay in the seed, yet it is more tender, and much preferred by stock, when cut in flower. and as it continues to grow rapidly afterward, it should be cut at that time. Even a few days will make an important difference in the value of grass, when cut for hay. The kind of grass, We have selected for this department this and the stock to which it is to be fed, cannot, week some articles giving hints on the cutting therefore, be too closely noted, to detect the and curing of hay, a work of great consequence precise moment when the grass will best sub-

Many farmers do not consider the scorching effects of our cloudless June and July suns, In your preparations for having, you have and the consequence is, that hay is too much no occasion to refill that empty wine bottle dried in this country. Unless the grass be very nor rum barrel, for if Bacchus would consider thick and heavy, it will generally cure suffihimself honoured by such a service, Ceres, ciently when exposed in the swath for two days. the superior goddess of harvest, demands no When shook, or stirred out, it should not resuch sacrifice. His devotees are a doomed main in this condition beyond the first day, or race, and if they turn not from their evil way, it will thus lose much of its nutritive juices, the sooner they die the better for the world. nor should dew or rain be permitted to fall "Rum in hay-time" has long ago ceased to upon it unless in cocks. It is better, after be an agricultural maxim. Some farmers use partially drying, to expose it for three or four brewed beer, coffee, or ginger and molasses days in this way, and as soon as properly cured, in water; but the best beverage between re-place it under cover. It is a good practice to gular meals is pure cold water. It supplies salt hay when put up, as it is thus secured perspiration, and both moistens and cleanses against damage from occasional greenness; the throat. Glutinous and saccharine pre- and there is no waste of the salt as it serves parations do not so well allay thirst, and often the double object after curing the hay, of fur-

Clover should be cut after having fully close cutting, more forage is secured, and the Hay making requires hard and skilful labor, clover afterwards springs more rapidly and never to be stirred open, but allowed to wilt consuming it; as the purgative effects of too

very indifferent colors can be washed with count, striking on the bench with his hand in We believe that farmers sometimes dry most health, let him be temperate in all things. A safety in cold suds—(but they must be quite cold.) Flour paste, beef's gall, and all such things could be avoided. Cold strong suds, made of dissolved hard soap, is the best substance to use for white clothes, and calicoes and fine woollen colored goods should always in a most dismal manner; all this did not distance to the colored goods should always in a most dismal manner; all this did not distance to the colored goods should always agitate, more or less, and calicoes that the clock is the best substant to the making of hay, and neither dry it too. la free people.