Scientific and Aseful.

CLOTHING THAT WILL NOT BURN.

It is well known that cortain substances notably phosphate of ammonia, incorporated in the fibres of discuss render the same ed in the fibres of lisaues render the samo scrombustible, or rather, admit of their huming very slowly and carbonizing with the production of fluore. M. l'Abba Manian, says La Natura, has receptly discovered that a mixture of borax, sulphate effects, and boracio soid, in suitable proposition, while rendering cloth uninflamable, vill sless prevent any alteration of glor, flexibility, or lasting qualities through the effect of combustion. the effect of corabustion.

MARING LUATIUM PAST TO METAL.

A mothod of offixing leather to metal so that it will split before it our be torn off, conclete in digreting a quantity of nut-galls, educed to powder, in eight parts of dis-ight water for six hours, and filtering it through a cloth, then dissolving one part through actors, then dissolving one part by weight of glue, in the same quantity of water, and allowing it to remain twenty. The leather is to be overlaid with the decection of nut-gall, and the glation of glue applied to the metal, previously roughened and heated. The leather is then laid upon it and deied would ther is then laid upon it, and dried under

BUNDLIGIAL INFLUENCE OF TEA.

The honeficial results of the introduction of tea and coffee have been singularly overlooked or underrated. It has been, however, well described as leading "to the most wonderful change that ever took place in the diet of modern civilized nations—a change highly important both in a moral and physical point of view. Those baverages have the admirable advantage of affording stimulus without producing intoxication or any of its evil consequences. Lovers of tea and coffee are, in fact rarely drinkers; and honce the use c. these bev erages has bouefitted both manners and mortals. Raynal observes that the use of tea has contributed more to the sobriety of the has contributed into to the souriety of the Chinese than the soverest laws, the most elequent discourses, or the best treatises on morality." Ten is so little drunk a Germany that it acts like medideduce a cup of good Bohea with "No, I thank you, I am quite well at present."

VENTILATION OF CUPBOARDS.

In the sanitary arrangements of houses, eren for the richer classes, the ventilation of cupboards is neglected. In places let as tenements, closets are receptacles for bread and the fragments of various other kinds of food. Often the dirty clothes are put away in these places, waiting for washing. It is therefore important that washing. It is therefore important that air should be plentifully passed through such corners; generally, however, there is but little arrangement made for this purpose. The doors are kept closed, without any perforation. There are no ventilators in the wells, and in consequence there in the walls, and, in consequence, those places become cases of polluted air, which, when the doors are opened, escapes over the apartments. This defect is visible in nearly all houses of old date; and while looking at some dwellings of recent construction, we observe, although care has been taken to ventilate stair cases and rooms, the cupbeards are in this respect reglected.—Dot, in Ohio Farmer.

IMITATION OF PRECIOUS STONES.

There is in Paris a vast establishmentthe most extensive of its kind in the world -where the imitation of pearls, diamonds, and precious stones generally, is carried on and precious stones generally, is carried on with all the skill which modern ingenuity renders possible, and these productions are sent to the shops of all lands. Here the whole process of transforming a few grains of dirty, heavy looking saud into diamonds of sparkling hue is constantly going on. The sand thus employed, and upon which the whole art depends, is found in the forests of Fontainbleau; if found in the forests of Fontainbleau; it appears to possess some peculiar qualities of adaptation to this purpose. The color ing matter for imitating emeralds, rubies, and sappliers, is entirely mineral, and has been brought to high perfection. Hundreds of operatives are employed in polishing the colored stones, and in lining the false not be imitated. These Paris pearls have been of late years so perfected that Roman pearl has to a great extent been superseded. The setting is always of real gold, and the feshion of the newest kind.

THE PROPAGATION OF CELERY.

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Color, is a native of Norway and Swe-Celer, is a native of Norway and Sweden, where it grows near the edger of swamps. This 1 at is rarely cultivated as it should be, hence the stunted specimens which appear in our markets. A deep treuch should be first dug, at the bottom of which a layer of sticks of wood, say six inches thick, should be placed, a drain nine being placed endwise upon one or both pipe being placed endwise upon one or both ends of the layer. The sticks should then be covered with about a foot or rich mold, wherein the plants should be set in a row, and about five inches apart. The plants should be kept well watered, the water thing supplied through the drain pipes, so that, pasing through the layer of sticks, which sorres as a conduit, the water is supplied to the roots of the plant. In earthing up, care should be exercised to close the stems of the plant well together with the with the hand, so that no mold can get bewith the hand, so that no mold can get between them. The earthing process should
be performed sufficiently frequently to
keep the mold nearly level with the leaves
of the cutside styms. If these directions
are carefully observed, the plant may grow
at least four foot in length, and this withoutimpairing the flavor, which deterioration
is commonly noticed in evergrown vegetis commonly noticed in overgrown vegetables and fruita .-- Scientific American.

THE FISHING SEASON in the Bay of Fundy is over. The catch is much below that of last year; but the prices are exportionately higher. The fishing elect arrived at Sidney, C.B., report the inckerel fishery a failure.

"FACTS ARE STUBBORN TRINGS."

Thousands of button beings are yearly forme on the swift current of disease down to the green, just because they do not pos-cess a cufficient knowledge of themseless. A man meets his neighbor, and the first ealitation is, "How are you?" or "Flow is your health?" The raply frequently is, "Oh, I san well, with the exception of a cold." Mose persons lightly regard a cold. Reader, coy on know that a cold is one of the react dependence of and clice." the most dangerous of maladies? A cold not only close up the peres of the entire system, and retards oncollation, but it is productive of Catarch, which is quite apt to lead to Consumption. "Oh," you say, "it is nothing but a cold in ray head." True; but that cold is really a mild form of Catarrh, and if not acrested in its course will become chronic. Catarrh is one of the most disagreeable, offensive affections in the cytologue of diseases. The passage to to the nose is obstructed, the sense of smell is impaired, and there is a disagree able sensation of pressure in the head. In the more advanced stages, there is a lis-charge having an offensive odor. If the disease be allowed to continue in its course, thick, hard incrustations will form in the head, the bones of which sometimes be come softened and break away in pieces Why will persons continue to suffer from such an annoying, disgurting disease, when they can just as well be cured of it? Dr. Sage's Catarrh Remedy will cure the worst forms of Catarrh; in fact, it is the worst forms of Catarrn; in 1807, it is the only sure and safe remedy which has yet been offered to the public. Yany harsh, irritating preparations may, for a time, relieve the urgency of the symptoms, but they do not cure the disease. Dr Sage's Catarrh Remedy it soothing and healing in its offects, and when used with Dr. Bienest Need Lytteles accordant to direct Pierce's Nasal Double, according to directione, does not fail to effect a cure. Sold by all Druggists.

Special Astices.

ELECTRICITY! THOMAS' EXCELSION EC-LECTRIC OIL !- WORTH TEN TIMES ITS WEIGHT IN GOLD.—Pain cannot stay where it is used. It is the cheapest medicine ever made. One dose cures common sore throat. One bottle has cured bronchitis. fifty cont's worth has cured an old standing cough. It positively cures catarrh, asthma, and croup. Fifty cents' worth has cured crick in the back, and the same quantity lame back of eight years' standing. The following are extracts from a few of the many letters that have been received from different parts of Canada, which, we think, should be sufficient to satisfy the most skeptical: J. Conaid of Sparta, Ontario, writes, "Send me 6 doz. Dr. Thomas Eelectric Oil, have sold all I had from you and want more now; its cures are truly wonderful." Wm. Maguire, of Frankliu, writes, "I have sold all the agent left, it acts like a charm—it was slow at first, but takes splendidly now." H. Cole, of Iona, writes, "Please forward 6 doz. Thomas' Eelectric Oil. 1 am nearly doz. Thomas Eclectric Uil, I am nearly out, nothing equals it. It is highly rocommended by those who have used it." J. Bedford, Thamesville, writes—"Send at once a further supply of Eclectric Oil, I have only 1 bettle left. I never saw anything sell so well and give such general satisfaction." J. Thompson, Woodward, writes—"Sendme some more Eclectric Oil. I have sold ontirely out. Nothing takes writes—"Send me some more Eclectric Oil.
I have sold entirely out. Nothing takes like it." Miller & Reed, Ulverton. P. Q., writes—"The Eclectric Oil is getting a great reputation here, and is daily called for. Send us a further supply without delay." Lemoyne, Gibb & Co., Buckingham, P. Q., writes—"Send us one gross Eclectric Oil. We find it to take well."
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GENTLEMEN,—I feel bound by a sense of duty, and a desire to benefit my followbeings, to make known the wonderful effect of your Indian Rheumatic Cure has bed in my case. I enforced from rhouma of the reach and dace are chiefly employed for this purpose; they have to be stripped from the fish while living, or the glistening line so much addired in the real pearl will not be imitated. These Paris nearly hard the real pearl will not be imitated. These Paris nearly hard the real pearl will not be imitated. rolief, and I come to the conclusion to try nothing more; but my husband hearing of your modicine wished me to try it, and with a doubting heart I tried one bottle, and I was so much relieved by it that I tried another, which completed the cure. I hope you will publish this, for these are facts, as many in this neighbourhood can testify. Hoping your medicine will reach every one afflected, I remain, yours turly, Mrs. Wit Scott.

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Hepatitis or Liver Complaint, DYSPETSIA AND SIGN HEADACHE

Symptoms of a Diseased Liver.

DAIN in the right side, under the edge of the ribs, increases on presure; sometimes the pain is in the left side; the patie is rarely able to he on the left side; sometimes the pain is felt under the houlder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for a rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternative with lax; the head is troubled with pain, accompanied with a dull, heavy insation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight, dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled, his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise would be beneficial to him, yet he can scarcely ummon up fortitude enough to try it. In fact, he distrusts every remedy. Scveral of the above symptoms attend the disease, but cases have occurred where few of them existed, yet examination of the body, after death, has shown the Li-VER to have been extensively deranged.

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DR. C. M'LANE'S LIVER PILLS, IN CASES of Ague and Fever, when taken with Quinine, are productive of the most happy results. No better cathartic can be used, preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them A PAIR

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This valuable preparation is admirably adapted to the envo of all those diseases for which a counter-

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In the burgan family it is guaranteed to cure Rheumstism, Sprains, Brubes, Prest Bites, Chilblains, Scalds, Itch, &c., &c., and can be taken internally for Croup, India enze, Asthma, in connection with Had-verb's Pectoral Balery, when used ac-cording to directions on circular accompanying each bottle.

No Horsciaan should be without it always in the stable in case they should require a reliable Liniment for the cure of Sprains, Bruisce, Scratches, Wind galls, or Lameness from any cause; and when given internally, will cure Cramps, Colic, Infla-

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We would caution parties wishing to use our PECTORAL BALSAM that owing to the large sale our madicines has attained there are many small dealers getting up Balsams under other names which do not contain one particle of Balsam in their composition. Ask for HAYGARD'S PECTORAL BALSAM

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and take no other.



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CUIRE OF EPILEPNY; OR, FALLING FITS, BY HANCE'S EPILEPTIO PILLS.

Torsons laboring under this distressing malady, will find Hance's Epileptic Fills to be the only remedy over discovered for curing Epilepty of the only remedy over discovered for curing Epilepty of the only remedy over discovered for curing Epilepty of the only remedy by the Epilepty in the year. The cury respect true, and should they be read by any one who is not afflicted himself, if he has a friend who is a sufferer, he will do a humane act by cutting this out and sending it to him.

A MOST REMARKABLE CURE.

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ITH HASCE, Baltimore, Md - Dear Sir. Seeing your
critement, I was induced to try Your Epileptic Pills
is attacked with Epilepty in July, 1833. Immediately
physician was rummoned but no could give in cofee worse. Then tried the treatment of modest but
tout any good effect. I again tetuned to my family
signar, was cupped and blid several direct a times
segmently attacked without any premoratory and
the cover of the my of the triangle of the cover
to the direct way to the cover of th is to have the beacht of them. As y person wishing fusion information can obtain it by calling at my resistance. No. 500 North Third St., Philadelphia, Pa. WILLIAM ELDER.

IS THERE A CURE FOR EPILEPSY?

IS THERE A CURE FOR EPILEPSY?

The subjected Series I have: Dear Sir:
You will be deaclesed his dellars, which I send you for
two between your Engineer Pais. I was not his species
who had your Pills in this part of the constry. My so
was builty sufficied with the fact two years. I wrote for
and received two between Jour Pills, which he took as
had to directions. He has useer had a fit since
we by any permanent that Mr. Ly in trad your Pills.
He can was a very bad once, he had the nurry all had
the Tersons have written to no from Alabania and
is success on the subject, for the purpose of according
to common ded them, and in no fastical which is the
falled to cure. Yours and in no fastical which I have
full a change of hearing from their fill J. Y.

Organda, Valabusha County, Mas.

ANOTHER REMARKABLE CURE OF EPILIPSY; OR, FALLING FITS. BY HAMCE'S EPILEPTIC PILLS.

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To Seth S. Hance — A person in my imploy had been afill out with Fits of Epilepsy, for thirteen years, by had the mit are represented to the work and offend to a serveral in quick ancession, sometimes continuing to the or three days. On several occasions they lasted that it is usual appeared to tally dermate of the fits control of the control of control of the control of th

STILL ANOTHER CURE.

STILL ANOTHER CURE.

Real the fellowing testimonial from a respectable citizon of Grounda, Mississippi.

Seth S. Hang., Baltimore, Md. —Deas Sir. I take great releasure in triating a case of Spasma, or Fite, cared by your invaluable Pills. My brother, J.J. Ligon, has long less affilied with this awfind disease. He was first attacked while quite young. He would have one or two spasms at one attack at first, but as he grow older they spasm as one attack at first, but as he grow older they are middle to be a first of the second of

Sentionary part of the country, by mail, free of potters, on a lyd of a remittance. As rese, SETH R HANCE IG beatteners St. Battimore, ad. Price, one box, \$3, two \$1, two lyd. Prices mention where you saw this advertisement.

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Perhap, no one medicine is so miners diy required by river lond is a cathactic, nor was ever any before a universally required by river lond is a cathactic, nor was ever any before a universally required by river lond, is a cathactic, nor was ever any before a universally required by river lond, is a cathactic, nor was ever any before a universal property of the cathactic property and the cathactic property and the cathactic property and the cathactic property and the cathactic property of the composition. We have thousand, upon thousands of certifications of the another the care of the composition. We have thousand, upon thousands of certifications of the another the care of the following complaints, but when every neighborhood, and we need not publish them. Addited to all ages and conditions in all clures significant of the conditions in all clures significant of the conditions in all clures significant preserves them ever facility and makes them pleasant to take, while hears purely vestable no harm can arise from their uses a any quantity.

They operate by their power in minera of the mody, restoring their mineral and the conditions of the internal viscera to purify the blood and standids in the lathy action—remove the obstructions of the tomach, bowels, liver, and other organs of the comach, bowels, liver, and other organs of the comach, bowels, liver, and other organs of the properties of the conditions of the conditions are of the conditions of the thin the lathy action are five the obstructions of the properties of the conditions of th

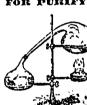
the system. With such change these complaints disappear
For Idropay and Idropaleal Swellings they should be taken in large and frequent discs to produce the effect of a drastle purge.
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As a Dinner Pill, take one or two Pills to promote digestion and relieve the stomech.
An occasional dose stimulates the stomach and bowels into leading action, restores the appetite, and invigorates the system. Hence it is often advantageous where no serious derangement exists. One who feels tolerably well, often dust that a dose of these Pills makes him feel decidedly better, from their cleansing and renovating effect on the digestive apparatus.

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med in such great numbers in almost every section of the country, that the public scarcely need to be intormed of its virtues or section of the country, that the public scarcely need to be intormed of its virtues or section of the most destructive enemies of our race. Often, this unseen and unfeit toward of the organism undermines the constitution, and invites the attack of enfectibing or fatal diseases, without exciting a suspicion of its presence. Again, it seems to breed infection throughout the body, and tach, on some favorable occasion, rapidly develop into one or other of its hideous forms, either on the urface or among the vitals. In the latter, tuberches may be greatenly deposited in the lings or locart, or tumors formed in the liver, or it shows to presence by simptions on the sim, or foul ulcerations on some part of the body. Hence the occasional use of a bettle of this Savagparilla is advisable, e.e. when no active symptoms of disease in pear. Persons afflicted with the following companies, generally find immediate relief, and, at locath, cure, by the use of this SARSAPARILLATION. Authority Fire, Rose or Expisicals, letter, Salt Illeum, Scald Head, Ringicorm, Nove Figes, Sove Ears, and other craptions of visible forms of Serofulous disease. Also in the more concided forms, as Disappsia, Diropsy, Hand Disease, Fits, Epilepsy, Neuralnia, 1rd the varieus Ulcerous affections of the mascular distribution for continued use of this medicine unit complaint. Leuronrhora on Whites, Viering the complaint. Leuronrhora on Whites, Viering in the part of the part of the part of the part of the continued use of this medicine will be a complaint. Leuronrhora on Whites, Viering the complaint, Viering and inviscorating effect. Minute Directions, and Female Diseases, are comments soon relieved and ultimately cured by its particulars, and remails and any hor of the system. These each case are found in our Almanae, supplied First, self-unitation and Gout, when examined to the Liver, and Janutice, when the restains of the

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