## DOMESTIC ECONOMY.

Honey from fruita: Oar honey crop is ahort this year, and I have already begun to put up fruit syrips which 1 think are oren more Ach. This year I have made them in a little different manner from my former practice. I dissolved five the of granulated sugar in sufficient water to oover it, let it come to a boil and set it away until cold. This is then poured over 10 lbw of frenhly gathered raspberriea or strawberries and kept in a slosely oovered vessel for 24 hours. The syrup, which has extracted the aroma with the finer juices of the fruit, is then drained through a tine aieve or atrainer, without preanure, snd boiled again, care being taken to akim it well. Five minuten' boiling will make it ropy if the fruit in at the proper condition of ripeness; every housekeoper knows how to test the conaistency of jellies, and this compound is simply a jelly "arrested in ite development." It should be bottled and sealed as soon as it cools. The pulp which remains, with the addition of a little more sugar, makea a good plain jam.
Squeete the jaice of one lime into a tumbler, add two tablepoonfula of the syrup, fill up with water, and a delicioun driak is the reault.

Feaches make the riehent fruit syrup for eakes. Qainoes and grapes, especially Dela. ware grapes, are very delicate in this form. It peaches are used, the syrup should be boiled longer and to a greater conmistence beforn bottling.

Fruit Syrup Padding: I invented a pudding for four persons, lant week, which proved very acoeptable, viz: To one largo oup of sift. ed breaderambs or rolled erachern add a salt spoon of salt, well stirred is. ddd a cup fall of any of the above mentioned syrups, which the crumbs will aboorh. Melt a tablespoonful of batter in two cape of sweet milk, and sdd to this when cool the beaten yolks of two egge. Stir isto this custard mixture the syruped crumbs, and bake in a shallow pudding of deep pie dish. When nearly done, make a meringue of the whites of the eggo and augar, apread over the pudding, retarn to the oven long enough to "set," sad serve cold.

Lima Beau Soup: Boil a pint of lima boans until soft enough to be beaten to a amooth paste with a potato masher. 8 tir into this pasto twe quarta of hot soup stock of any kind, and let it coine to a boti. (The jelly which is left after boiling a ham may be uned if not too salt.) Stock from beef or mutton makes a more del. icate soups. Use a trifle of cayenase in the sessoning. Serve with sippeta of tomed bread.

To Wasil Lator-Mix a teaspoon of pow. dered borax in a basin of atrong white eastile soapuuds. Baste the lace to be washed very earofully with live thread upos two thiekneseen of daanel. Boak the laoe thus arranged in the suds mixtare 24 hours or longer if very dirty, changing the auds two or three times. Then let is lie a couple of hours in elvan water to rinse, ehanging the water once. Sgacese it out (do not wring it), and when partially dry place the flansel, with the laop on it, lace downward, on two thicknesees of dry flazeel laid on a tahle, and amooth it with a hot iros. Whes the lace is quite dry rip it off. Ite sonaiderable trouble, bat the lave looks beastiful.

Gisoks Ssars.-Two aupa of molastes, ene cup of butter, one tablespoonful of ginger, two teaspooafule ef soda dissolved in a lithe hot water; put she isgrediente together, warm thers in cold weather, then atir in as mash flour as poesible, bat do not kneads pineh off pieoses the aise of a marble and place on tins, with space enough betwees to allow them to spread with. out touching each otber, After baking, let them staad on the ties a few miantee to eriap.

A Mritcarsd Pillow hae been devised, containing receptacles filled with inhalent minteree suited to differest cases, as of headache, broeohitis, catarrh, ste., the fumee of which may bo broathed at aight, sod tor which maseh is slained.

## STORED ELECTHICITY.

An exoeedingly long atep from the theoretioal to the practical was made whes that "hox of eloctricity" Wre nont from Pramee to King land. Many years have the aoientitio men of all countriea been theorizing on the applieation of electricity to the purposes of every day life, aside from the important ones of telegraphing lighting, ste, Above all thinge was it wanted for a motor, and now it seems, suddonly, this spplication is made. The box was seent to (Hlasgow, to Sir Wm. Thompeon, having been ntated to have been oharged at Paria with a store ol active electrie energy to the amount of 1,000 , 000 foot-1D3. It conaisted of four of Faure's bat teries charged with electricity from an ordinary Orove'a battery. The four batteriea were enclosed in a wrooden box, about a cubie foot in meanurement, and weighed about 75 Mp . Sir Wm. Thoman now make the important announcement that all that has boen atated has been more than borne out by experiment. No appreciable losa could be asoertained to have oscurred dariag the delay from trannit and antil the stored energy was applied to workiog purposes in Glagow. Oae battery was detacbed from the other and carried to another place to aupply the forve for an electrie cautery, and a single battery, after haviag been left alone for ten days, yielded to 8 ir Wm . Thomson 200,000 foot lbs, being some 10,000 above the original estimate. The first result Sir Win. Thomson looks for is the use of Vaure's batterien in private houses, as reaervoin of eledtricity for domestic parpones, nuch as lighting, heating, the driving of sewing machises, and many other objeots.

We obtain electrieity from the atmosphere by simple mechanical means, the prinel. pal expenditure being for power. Now, with a means of storing eleetrieity, we atore power; for it oan be generated by wiad, by running streams, eto., and saved for use when required. We thus ehaia up powers hitherto free from more than a passiog reatraint. The eost of storage does not seem to be material is this appliostion.

Of the hundreds of ways in which this power oan be atilized, it is uselese to speak. Alresdy a trieyole weighiog 400 tbs , has been propelled aloug the streets for ans hour and a half oontin. uounly. Thin one practiosl experiment pointe out the way to thousasde of appliostions.

Tappisa Kagas Laks.-The tapping of Eagle lake, in Laseen eounty, is an enterprise that bids fair now to become acoomplished, sed will be ose of vast intereet to the county. This enterprise, which will requirs the ruaning of some $9,000 \mathrm{ft}$. of tunnel, or open a cut and a flame 17 miles long, will irrigate and open up for settle. ment about 100,000 aures of as fine agrienitaral land as there is in this valley, bat which now is alinost worthless, being covered with a growth of angobruah. The partien interested is this project are known to have plenty of monay, and wili doubtless prosecuts the work to oompletion. They will not be obliged to look to irrigation alone for dividends, as the lake has on ita bor. dere a vast supply of escellent timber, which ean be flosted down their flame with ease. The company have now on the groand eagineen who have male the neosesary surveys, and are now sioking thafte along the line of the proposed tannel to teat the grosed to be encoun tered, and which thes far fo muoh more faver able than expeeted.

To Uphourker Burwas.-Here is a praeti. eal hint to apholatery buyers. M. Chevruel is making known s new erries of observations os the vision of colors. Any cye which has looked at red for a long timie becomes Blind to green, and is diaposed to see everything red; a littlo while after, it beoones blisd to red and sees everything green. Is is for this reanon that a beyer after exsuminige a series of pieses of red eloth, finds tha last leas pleasing thas the first. A seller woeld proveat this by placiag before his cuatomar some grees cloth ese which the hoyer's eyes might ovesaleeally reel.

## THE HAMMER,

Taking as ita text the ancient legend of the Mechanica' Asnopiations, "By hammer and hand, ail artis dio stand, the Economin pays the Cotlowing glowiag tribate to this implement of industry:
The hammer is the univeraal emblems of meohanics-those akilled in uniting and binding tegether of materials. With the hammer are alike forged the plitteriag oword of eoatention, and the dusty plowahars of peacefal agrieulture. Ita workmanahip ornaments the trapping of War, and nalla the olive branch of peace above the gate. Is aneient warlare it stood presemlnent, apart from the instrumenta it wrought and formed. The old battering.ram of the Greeks was nothing but the rude eonception of a huge hamener. In heathen mythology it was alwaye the symbel of might and streagih. It was the sole weapon of the drisoled god of thunder, Thor, the mighty rival of Olin. Hia hasmer was fashioned by sunning dwarfo, and posesesed the woederfal property of returning to his hand after being huried. To the heathen of Teutons the sign of the hamener was analogous to that of the golden eross of Christianity, In the hammer lies the wealth of a nation. By it are targed the ponderous angines that almoet shake the world, and the tiny needle whieh unites alike the contly silke and satins of a queen, and the rough homenpun of a laborer.
The hammer, teo, is no partisas, It is an inatranent of the asvage and the civilised. Ite merry olink poiats out the abode of iaduetry and Iabor. Its handle if extended, iaviting af to grasp, and with its unyisldiag head, by the help of a strong arm, forges happiness and proeperity. It is, in faet, a domestie deity preaid. ing over the aspirations of wenlith and ambition. Not a atiek is pointed, not a house is buils, a ship floate, or a carriage rolls, or a wheel opisa or an engine thunders; net a prese apeaks or a bogle peals, a spade delves or a hasaer floate, without having endured the blows of the ham: mer. So it instrueta and teaches ne that great ends and larke resulis can only be aeeomplished by good, hard, vigorese blows. That if we would attain usefulnees, and reach the full perfeetion of what we are asapable of beooming, we mast not abrink baek from the hardahips, bof. fetings and hard kooeks of Iffa, bat early lears to caitivate the power of patient nadurases.

 Lacher, by means of ohservatione with a thermeelectriesl apparatus in conseotios with obeerva. tions with a pyrheliometer, arrives at the sobe: elasion that the amount of earhouie seld which has bees proved to exist in the sir is authoient to canse the aboorption which thay genarally besth attributed to ajgeens vapor aloses. He belisves also that his method is better sdapted far obtainiag the smosnt of earbouie said is dif. ferent layers of the atmaspere than the ohemieal methols hitherto adapted, - Anaal, der Phys, is, Chems,

Arzagiso Tusea mot a Modzan fisvertiox, There can bo but little doulst that spenkisg tubes wers ased by the sacient llomases, The Rov, Jobs liruee asys they ran sloeg the whole leugh of the great wall whieh surrounded the eity. Aa sarly Eaglish poet slludes to them as follows, ss quated by Mr. Brueen
"Towese sted ppin my lengh, whew gerrimes wers lad







furnots Hoors, - fihingles are male mere durable and lese liable to fynite frome eparko When anbjected ta the follaring trestment Watet, one galioet ahloride of ziae, ene hall By digest in thia the wood for 45 besrs, drais, and pet inta a solviios of erwie tasartate of acia ose D., water, one gallon (het), foe three hoers) then dry.

