## WILLAMETTE FARMER.

## DOMESTIC ECONOMY.

### The Philosophy of Frying.

Perfect frying is the perfection of cook-Perfect frying is the perfection of cook-ing; but as soon as the fat is not suffi-ciently hot to create the burnt crust around the article fried, then the fat pene-trates it and absolutely prevents cooking from taking place at all. If the fat is not boiling, bubbling hot, the process that takes place is not cooking, but simply drenching the food with a tepid fat, and rendering it totally indigestible. It makes no difference how hot the fat is made afterwards, the mischief is done the made afterwards, the mischief is done the moment the fat penetrates inside. All perfectly fried food has a thin crisp, brown, outside crust, (which has in itself a pleasant, relishing taste,) and is perfect-ly free from even the suspicion of fat inside, except what was intentionally put there by the cook. All housekeepers know that to fry well, their fat should be know that to fry well, their fat should be hot. But they do not attend to it half as scrupulously as they would if they under-stood the true philosophy of it. Boiling, bubbling hog fat connot penetrate any-thing, and cooks to perfection; tepid fat penetrates everywhere, and does not cook at all, but actually prevents cooking. Any housekeeper who reads this, and chooses to profit by it, need never put any greasy, half-cooked and indigestible food upon her table. The whole secret consists in having the fat boiling before the things are put in. There is one other this first one, which is almost invariably this first one, which is almost invariably lost sight of even by good cooks, and that is that the fat should entirely cover the fat remains cold, cools off the fat near it, fat remains cold, cools off the fat near it, and then absorbs the tepid fat just the same as if it had never been hot. Frying-pans should be deep, well filled and heated to the boiling point, and then it is easy to turn out fried food crisp, brown and dry on the outside, and perfectly soft, moist and well cooked within. It is a peculiarity of the outside crust of things fried in boil-ing fat that the fat, itself drips off from it as water: hence well fried arti-

### A correspondent of the National Live Stock Journal, writing from Chatauqua, New York, says :- " For most breeders, it is as difficult to

Sheep in Hot Weather.

summer a flock of sheep as to winter them successfully. Flocks really suffer for want of the every-day care they get in more inclement seasons. They are more liable to contagious diseases, and to attacks from their insect foes, diseases, and to attacks from their insect foes, with perhaps the exception of ticks. Hot weather, with heavy dews, or occasional warm showers, will almost surely produce foul in the foot, or even foot-rot, if the sheep are not often examined, and any incipient case nipped in the bud. A flock may, to all ap-pearances, be perfectly sound, and yet after a week of warm, damp weather, if the feet are examined, there will be a sort of primary in-flammation found in the cleft between the hoofs, looking somewhat as if scalded. If the foot is left alone, the flock still kept in the damp pasture, hoof-all supervenes, resembling foot-rot. Many consider both diseases to be the same, differing only in virulence, as the varioloid differs from malignant small-pox. Both are highly contagions, and both yield to the same remedies. But the hoof-ail, as I call it, is so much more superficial, that it really visids to aven earslasy treatment while the

of the feet. If the feet are neglected a few days, until lost sight of even by good cooks, and that is that the fat should entirely cover the article to be fried. The reason of this is, that the part not at once covered by the at the part not at once covered by the ointment must be thoroughly rubbed in. The certainty of the cure depends on the thorough-ness with which the work is done. If the feet are neglected in hot weather, after foot-rot or hoof-all is known to be in the flock, it will take but three or four days of neglect to have the sore feet so filled with maggots, that the sheep will be pretty sure to die. Just as sure as there is any bad smell about the feet, just so sure the tlies will find it, and do their best to prevent any smell reaching the nose of the owner.

as readily as water; hence well fried arti-cles are neither greasy in appearance nor vory greasy in reality. Frying ought to be as easy as boiling.—*Christian Union.* Indian Corn and its Uses in Domestic Economy.

are healed.

with turpentine limiment so that flies will not touch them. The dogs can be disposed of by scattering in the field a few pieces of lean moat with strychnine inserted into the middle of each piece. The cure is certain and permanent. About two or three weeks after shearing, the lambs can be dipped into a decoction of to-bacco, if there are ticks on the flock, which will exterminate these parasites from the flock. It is best usually to salt the flock about three times per week, as by so doing the condition of

times per week, as by so doing the condition of the flock can be kept in view, or any incipient lameness, or injury from any cause, will be surely noticed and can be attended to in time. Sheep will often be seen running around the

pasture in hot weather, with their heads close to the ground, as if trying to escape from some to the ground, as it trying to escape from some unseen enemy. They are trying to get away from the Æstrus ovus, a yellow and dark-brown fly, from the eggs of which, when deposited in the nostrils of the sheep, the "grub" in the head is hatched. If several small places are dug or plowed up, in different parts of the pas-ture, so that the sheep can get their noses dirty or dusty, they are less liable to the attacks of this fly.

of this fly. The recipe for the vitriol ointment, is as fol-lows: To any quantity of very finely pulverized blue vitriol, add an equal weight of lard, and mix thoroughly. This ointment is a sure cure for foot-rot, hoof-ail and kindred diseases.

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Wates, Queensiand, Insmania, Brazil, New Grenada, Chile, Argentine Republic, AND EVERY COUNTRY IN THE WORLD where Patents are obtainable. No models are required in European coun-tries, but the drawings and specifications should be prepared with thoroughness, by able perious who are familiar with the reable persons who are familiar with the re-quirements and changes of foreign patent laws-agents who are reliable and perma-

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### **Opinions of the Press.**

We have received a copy of the LLUSTRATED PRESS, a new publication just issued by Murray, Dewey & Co., the proprietors of the MERCANTIE DIRECTOR. It is filled with very choice and well executed engravings, and is creditable to its proprietors. It will be issued monthly, and cannot fail to become very popular.—[Examiner. ILLIGENERATED PROBLEMENT, The illustrations are from excellent designs, and executed in an admirable manner. This publication should certainly be well patronized.— [Colums Sun.]

This publication should certainly be well patronized.— [Coluas Sun. ILLEFRATED PRESS.—The March number of this pub-lication is filled with choice reading, in addition to which it is profusely illustrated and will compare favorably with any of the illustrated papers of the Eastern States. It is a California enterprise furnished at \$2.00 per ansum. So much for so little should secure an immense circula-tion.—ISonora Democrat. ILLEFRATED PRESS.—This little Addine of the Pacific is becoming quite a favorite, and well it may, for it is one of the most chaste and beautifully illustrated publi-cations that visits our sanctum. The publishers have spared no pains in trying to make what it signifies and what it is.—[Volo Mail. It is filled with choice reading matter and profusely illustrated—a number of the most prominent illustra-tions being of California scenery...[Merced Tribuno. Its contents evine hore than average literary taste. The illustrations are in excellent style. It is unexcep-tionable as a home magazine, and its terms bring it within the reach of all chasses.—[Marced Aribus E. The instrations show that master artists have been approximated in an average literary taste. This magazine is a credit to our State, and deserves to be a regular visitor in every household. It is the only publication of the kind on the coast. To be appreciated it must be seen and read.—[Stitter Banner. The illustrations show that master artists have been seen and that they will compare favorably with many more protentious productions in other journals. The publishers have found it necessary to re-issue their first and second editions.—[Amarch Ledger.] The March number of this periodical is at hand, and is fully up to its previous reputation by the number and excellence of this entry intermations of literary

is fully up to its previous reputation by the number and excellence of its engravings and selections of literary matter.--[Hollister Advance.

matter.--[Hollister Alvance. The January number of the LLUSTRATED Passs is be-fore us. We have been thinking a field was open for just such a magazine, and sure enough here it is. The publish-ers are both enterprising and cautious, know just what they are about, and, if we mistake not, they will make this pub-lication a first-class success. The first number is gotten up on the right plan and is excellent taste. It is a grade lighter than the Overland, and will become more popular—that is, it will be more universally read, because better adapted to the wasts of the common people. Being a Pacific Coast production, and dealing chiefly with Pacific Coast production, and dealing chiefly with Pacific Coast production, and dealing chiefly with Pacific Coast tri will undobtedly command the support of every liberal citizen on the coast. We wish and predict for it abundant success.--[Napa Register.]

We have received the January number of the LLUS-THATHD PRESS, and find it all that its publishers claim for it. Many of the illustrations are really degant, and the articles are good and pointed. This is the first ottempt of the kind on this coast, and it deserves success, for the first number comes out full fielded, prepared with much care and great expense.—[Yolo D.mocrat.

This number before us is a good one, containing some fifteen cheice illustrations and a large amount of excellent reading matter; so good, indeed, that we can hardly con-ceive how it can be issued in monthly numbers for the small sum offered.-[Placer Herald.

New MAGAZINE.—As we go to press, we find before us the first number of the LLUSTRATED PRESS, After a caual and hasty glance at its contents, we first outdott that its publishers will succeed in accomplishing their object.— [Southern Californian.

Symmetric Cantornian, STWENTY-REGIT pages, embellished with 'engravings, at a low price. Some of the engravings and portions of, the letterspress are evidently imported; but they are good, and there is nothing in the history of art and laterary public eations in California to encourage the belief that the LLUS-TRATED Parss would live were it entirely of home manu-facture.—[Alaska Herald. Lucescan beam and the second second

facture.-- [Alaska Herald. ILLINSTAATED PRESS.--A very neat and attractive month-ity. The publishers appreciate the fact that the time has not yet arrived when a first-class illustrated journal can be sus-tained on this coast. They propose, however, to supply what they conceive to be a want on this coast for "pure-light and graceful hierature." At present they depend largely for their illustrations and text upon Eastern and foreign issues, intending to increase home and original en-gravings as fast as circumstances and the encouragement they receive will warrant. The publishers are already well known on this slope as among the most enterprising of the San Francisco publishing firms.--{Alameda Gazette.

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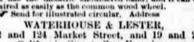
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# or to the wool, will get maggotty, if not attended to. A little tar or spirits of turpentine may be applied around the wounds or the root of the tail, effectually repelling flies until the sores are beeled.

are healed. dian corn should not be ground fine, and it will not keep sweet. There is no grain that can be put to so many good uses and served up in so many different ways as corn and corn meal.

art.

And then by grinding it into meal, what visions of delicious eating float before our eyes. First, we have the corn cake, made of meal and water, and a little salt; if you are too poor to use eggs and milk, mix into a dough and bake on a griddle. Then corn bread or pone, which can only be made properly by about one housekeeper made properly by about one housekeeper in ten. Then mush and milk and fried mush. We have never seen the individ-ual that did not like one or the other. Many fail in making good mush by not boiling it enough. When it is merely scalded it has a raw taste. Then there is a very good corn meal pudding, made by stirring the meal into scalded skim milk till it is as thick as gruel, and when cool, add ginger, cinnamon, nutmeg, salt and sweetening to suit the taste, and a little fine cut suet and some raisins or dried peaches, and a fine cut apple. It should bake an hour or more, according to size. bake an hour or more, according to size. The Extension of the Signal Service to We take great pains to preserve secrecy in all confidential matters, and applicants for pat-This is a good pudding. And then see into how many dishes corn becomes a palatable and favorite mixture. It is the cheapest and most wholesome food that man can live on, and should be on the ta ble of both rich and poor more frequently than it now is, in some one of its many forms.-Germantown Telegraph.

# Economy.

A bushel of Indian corn contains more nutriment than a bushel of wheat; but In-

First, we have the green corn, roasting ear and soup in the early, and the dried corn soup and hominy the balance of the year. These dishes every good house-keeper knows how to prepare, being among the most simple in the culinary

MELTON VEAL .- This is a standard dish at the Melton races in England, and is composed of alternate slices of veal and Butter a good sized bowl, and slice ham as thin as possible six hard-boiled eggs; then line the bowl with the slices. Place in the bottom a layer of raw veal steak in thin slices, and sprinkle over it a small quantity of salt, pepper, and grated lemon peel: proceed in the same way with thin slices of raw ham, but leave out the salt. Fill up the bowl in this manner. Cover it with a thick paste of flour and water, so stiff as to be rolled out. Tie a double cotton cloth all over the top and boil three to a platter, and cut very thin after it comes to the table; girnish with sliced lemon and parsley. It is "a dainty dish to set before a king." It is also a side dish for dinner, and excellent for breakfast.

To PICKLE CAULIPLOWERS: --Gather on a tine day some of the whitest and closest cauliflowers you can procure, break them into bunches, and scald them in salt and water, taking care they do not boil, or it will spoil their color; add the ginger, coriand er seed, mustard seed, nutmegs, mace, and three quarts of water; then put on a colander, sprinkle them with salt, and let them drain for a day and night; then place the bunches in jars, pour boiling salt and wa-ter over them, and let them remain all night; and then drain them through a hair sieve, the mazes of car tracks are bewildering. A and put them into glass jars, tying them new track is being constructed for passenger closely over.

Corn Biscuir .- One quart of mush, cold or nearly so, one teacupful of butter and flour enough to roll about one half inch thick, cut into biscuit and bake to a light

### the west indies.

The public will be glad to learn that the The public will be glad to learn that the long-projected extension of the Weather Bu-reau to the Weat Indices is about to be practi-cally realized. It is in the waters of the West Indian Archipelago that are annually formed those terrible tornadoes which degolate our Gulf and Atlantic sea-board and have always been the terror of navigation. The Signal Of-fice, stretching out its lines of meteorological sentinels, as is now proposed, will occupy sta-tions at Havanna, Santiago de Cuba, Kingston (Jamaica), Porto Rico, St. Thomas, Antigua, Guadeloupe and St. Vincent, in the Windward (Jamaica), Porto Rico, St. Thomas, Antigua, Guadeloupe and St. Vincent, in the Windward Islands, and thence by the lateral cable from St. Vincent to Barbados it will plant its ex-treme outpost at this latter Island. Barbados lies in the best possible position to furnish the earliest premonitions of the hurricane which is on its way to ravage the sca-coasts of the United States. At most of these revolving storms can be heard often while yet the gale is a whole day distant. But at Barbados, alit with a thick paste of flour and water, so stiff as to be rolled out. Tie a double cotton cloth all over the top and boil three hours, putting it into boiling water at the first, and keeping the water just below the level of the bowl. When cooked, take off the cloth and the paste, and let the veal stand until the following day; then turniton to a platter, and cut very thin after it comes to the table; girnish with sliced lemon and parsley. It is "a dainty dish and never more than twenty miles an hour, and sever more than twenty miles an hour, and seddom half as much as that. There is, therefore, generally a period of several days intervening between the passage of the cyclone over the Windward Islands and its arrival on

the Gulf or the South Atlantic coast, in which the Signal Office can give ample warning, both by mail and telegraph.—New York Herald.

The Pennsylvania Railroad Company within the last year has expended half a million on its depot at South Amboy, in arrangement for the coal business. Canals extending inland have been cut at a depth from thirty to forty feet, and elevated railways line each edge of the canals, from which the cars pour their coal through shutes into the bosts lying there to receive it. These works look like a town, and the mages of car tracks are bewildering. A . travel, entirely separate from the old one. latter will be used for coal, and coal only. The

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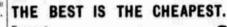
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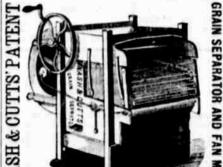
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