INVENTIONS RECENTLY PATENTED.

We herewith give brief descriptions of so of the noteworthy Pacific Coast inventions re-cently patented through Dewey & Co.'s Mining is noteworthy Pacific Coast inventions re-ty patented through Dewey & Co.'s Mining Scientific and Pacific Haral Press Patent artment, S. F.: HAMING CANNED MEATS, FISH, ETC.—G. J.

STRAMISC CANNIO MEATS, Flour, ETC.—G. J. Ward, S. F. This invention is an improved device for steaming or cooking fresh meat, fruit or vegetables, more especially such as are to be scaled up in case for preservation. It consists in the construction of an inverted metallic tank, secured to a base and made air-tight by means of hinged bolts holding a wooden packing between the metallic flanges, and also of movable trays and perforated bottoms. The said tank has a steam gaing and a pipe for the admission of steam, and also a pipe for the admission of steam, and also a pipe for the admission of steam, and also a pipe for the admission of steam, and also a pipe for the admission of steam, and also a pipe for the edmission of steam, and also a pipe for the discharge of condensed water. Various methods have been employed for cooking hormetically sealed goods, but that most generally employed where the temperature is to be raised considerably above that of water. The case is a solution of salt, chloride of calcium, or other suitable substance, the boiling seint of which is considerably above that of water. The use of these solutions stains the case, destroys some of the goods, and greatly increases the labor of handling, cleaning and packing. Mr. Ward's invention is intended to produce a mechanism which is easily operated, which may be opened and closed hornetically in a very short time, and in which a large number of case may be handled easily, kept clean, and their contents cooked with rapidity and without variation. The pressure of the external steam, which is considerable, and in proportion to the increased temperature, tends to prevent the case from the prevent of the case from the cooking is done by a high temperature unaccompanied by a high pressure.

Wazumakuns On. Cur.—Eugene R. Weber, S. F. The improvement consists in attaching the lid or cover to the cup, holds it, while the foreinger slips the cover of to the back isde of the cup, where it is held by a spring, so that the over may be casily sloped on or of

This is the second patent which we have secured within the past few years for a native of the Celestial empire, the patent in both instances covering improvements in clothing. The ordinary pocket openings in overalls, jumpers, etc., are subjected to severe strains at the corners, and various methods for strengthening them have been resoluted to, such as rivets as strips of material, formed in cutting out the goods or independently, and sewed across the corner scams in thefpacket. In this invention of Yung' how she does away with those slevices by so constructing the packet that there are no corner scams, and the cloth is continuous at the pocket points where the corners of the packet openings are formed, so as to reinforce these points without the necessity of extra pieces of any sort.

Piecker and Frence on Tumesming Ma-

formed, so as to reinforce these points without the necessity of extra pieces of any sort.

Poker and Ferder on Turnsonna Machines.—West. Edge, Chico, Batte county. Mr. Mery's invention relates to certain improvements in mechanism for feeding unthreshed straw to the cylinder of a threshing machine, and it consists in a novel construction of a series of rotary feeders, placed one after the other in a feeding trough or spont, and those feeding cylinders are mounted upon shafts extending from end to end of the cylinders, and the strawn of the consistency of their radial position.

Hander for Boxes.—E. E. Mowrey, S. F.

jected to their radial position.

Hanne for Boxes.—R. E. Mowrey, S. F. This patent covers the application of peculiar flexible handles to that class of boxes, in which strawberries and other small fruit is packed in drawers for transportation. The rope of which the handle is made, is covered with leather to protect it. Two holes are bored in each end of the box, through which the ends of the rope are passed. A countersink is made around these holes on the inside of the box, and on it the ropes are secured, leaving the inside surface smooth. An inclined greave is then cut downward from these holes on the outside of the box, in which the handle lies when not in use. A weeden strip is placed across the outside of the box, just above the holes, so that when the handle is grasped and pulled upward, it will strike the edges of the strip and protect the knuckles.

Gas Propuction Component Louis Market.

GAS PRODUCING CONFOCKT.—Louis MARKS, S. F. This is an improved gas producing com-pound or composition to be used in the manu-facture of illuminating gas. It consists in com-bining certain ingredients into a block or corpo-rate body, which can be conveniently handled and transported from place to place. The blocks are then placed in a refort, subjecting them to heat in the usual way.

Scheen.—James, H. Cavanagh, S. F. object of this invention is to provide a sic object of this invention is to provide a sieve or screen for separators, which will carry the straw and allow the grain to pass through between the slate without the possibility of the straw lodging and choking the screen. The invention consists in the supployment of parallel slats or strips, which extend lengthwase of the screen-frame in a line with the travel of the straw. The screen is constructed without any cross-bars or other intervening obstraction for the straw to lodge against. The slate are placed edgewise in the frame and their upper edges are previded with teeth. An end slake is imparted to the screen, and, as the straw passes up the screen, the falling and receding motion causes the teeth to pass under the straw and take a new hold, so that on the next motion it is carried further up the screen. This shakes the grains from lithe straw and carries the straw off.

Sack Holder.— Covert, Garner and Wal-

straw and take a new note, so that on me manimate it is carried further up the screen. This slakes the grains from the straw and carries the straw off.

Sack Holder.—Covert, Garner and Walthall, Modesto. This is an improvement in a patent granted to John S. Covert, August 28th, 1877. The improvement coneist in mounting the frame which carries the adjustable sliding hars and seekers upon a portable vertical standard in such a manner that the holder may be elevated or depressed to suit any hight or size of sack. The invention also consists in extending the tabes or seekets which receive the sliding bars through the axis or bar on which they turn, so that the slides may be as long as desired; and lastly in the employment of a spring catch by which the holding bars are held up out of the way when desired.

PERCIL POCERT.—Samuel Hill, S. F. This is an improved device for holding a pencil when it is out of use, and in a convenient position for use at any time. It consists in the construction of a metallic tube having a pin attached for the purpose of fastening the device to the coat or vest. This tube has openings made in the sides through which the pencil may be grasped by the thumb and finger to remove it. The clasticity of the vase is such as to retain the pencil in place when not wanted.

SINGLE BEAM HARDOW.—John M. McPike, St. Helena, Napa Co. The "single beam harrow," as the inventor calls it, is an attachment for plows. It is more especially applicable to gain plows, and consists of a single beam provided with inclined teeth, so constructed as to clear themselves. It also consists in a method in attaching and adjusting the harrow. With this device the harrowing and plowing can be done at one operation, acrons both time and labor, while a peculiar diagonal motion given to the implement makes it do its work very thoroughly.

Roor for a Rouxo Cisteris.—At a recent meeting of the Edinburg Engineers Society, Mr. Rounans described a form of roof which he had designed for a round cistern. The usual tis-rods are super

ROOF FOR A BOCAU AND SEASON TO SEASON THE METERS OF THE ME

so that each animal in passing opens the gate to its full width and operates the register.

INTERCEC.—'An American Almanae and Treasury of Facts, by A. B. Spofford, Librarian of Congress, contains much that is valuable for reference. We extract a few lines which express very forcibity the accumulation of interest at low and high rates: 'One of the cames of bankruptcy is that so few persons properly estimate the difference between a high and low rate of interest, and therefore often borrow-money at a minous rate that no legitimate business can stand. Very few have figured out the difference between 6 and 8. One dollar leaned for 100 years, at 6., with the interest collected annually and added to the principal, will amount to \$400. At 8., it amounts to \$2,203, or nearly seven times as much. At 12, the usual rate of interest in England, it amounts to \$19,25; whereas at 10%, which has been a very common rate in the United States, it is \$15,890, or about 700 times as much. At 12 it amounts to \$34,070, or more than 4,000 times as much. At 18 it amounts to \$15,144,007. At 24, which we sometimes hear talked of, it reaches the enormous sum of \$2,501,799,494. One hundred dollars between \$40,800 in 30 years, while the same \$100 berrowed at \$8, will amount to \$4,670 in 30 years. One thousand dollars between the same \$100 berrowed at \$8, will amount to \$4,670 in 30 years. Maintanc.—Never marry a man who has

will run up to \$117,300 in 50 years."

MARRIAGE.—Never marry a man who has only his love for you to recommend him. It is very faccinating, but it does not make the man. If he is not otherwise what he should be, you will never be happy. The most perfect man, who did not lowe you, should never be your imakend. Hat though marriage without loves terrible, love only will not do. If the man is dishonorable to other men, er mean, or given to any vice, the time will come when you will either loathe him or sink to his level. It is hard to remember, amidst kineses and praises, that there is anything else in the world to be done or thought of but love-making; but the days of life are many, and the husband must be a guide to be truised, a companion, a friend as well as a lover. Many a girl has married a man, whom she knew to be anything but good, "because he loved ber so." And the flame has died out on the hearthstone of home before long, and besside it she has been sitting with one that she could never hope would lead ber heaven ward, or who, if she followed him, as a wife should, would guide her steps to perfition. Marriage is a solemn thing—a choice for life; be careful in the choosing — Belgrareio.

LECTURE ON CORNS.

LECTURE ON CORNS.

In a lecture at the St. Louis Hospital, Paris, on hypertrophy of the epidermis, M. Guibout observed that, while in callosities the hypertrophy takes place at the surface, in corns the hypertrophied part becomes pyramidal, and takes the form of a nail, with its point directed toward the deeper seated parts. This sharp point, lolged in a kind of cupola, which exactly hoxes it in, has a tendency to penetrate into the substance of the dermis whenever the base of the eorn is compressed. The portion of the dermis which is in permanent contact with the surfaced in character, its papille disappearing, so that at last it becomes a true matrix, destined to form deep, new, herry epidermic layers, in proportion as the more superficial layers are eliminated.

Changes of the weather often give rise to great pain in corns, which has been supposed to be due to their hygrometric nature, which, by causing their enlargement, adds to the suffering. But, in fact, the exacerbations are less severe during the time that it rains than they are for some days preceding; and they are also that with when the weather is about to change from wet to dry. These painful exacertations of the pain of corns are quite as romarkable and as inexplicable as are those of rheu-able and as inexplicable as are those of the corns are quite as a corner in the pr

LAME AND LAZY-A FABLE



matic pains. The sole efficacious treatment is excision, but care must be taken that this is complete. The summit of the cone must be cut down to, so as to entirely empty the dermic cupela. And then it is quite necessary to destroy, by cauterization, the inner surface of this cupela, namely the matrix of the corn, which will otherwise be reproduced.

The best caustic is sulphuric acid, of which we may deposit a drop, by a match or glass red, on the sexised part. If the corn recurs, the same processes of excision and cauterization must again be resorted to.

VAQUEROS

"Don't understand it," said Lazy yawning and stretching his arms.
Charity replied, "It means that Charity feeds the tame and flogs the lazy,"
Lazy gathered up his rags, and turned to go shambling off, "Stop, said Charity; "instead of cois I will give you counsel. Do not go and live on your poor mother, for I will send you to a rick out.
"Rich aunt?" echoed Lazybones.
"Where shall I find her, I'd like to know?"
"You will find her in Proverbs, 6th chapter and 6th verse." But that is where Lazybones did not look; so he sat down by the gutter, and rubbed his eyes and grumbled.

rubbed his eyes and grumbled.

BRITAIN'S IMPORTATION OF FOOD.—A late issue of the London Times contains an interesting compilation of statistics, showing the aggregate sum expended by England for food from abroad, from which we glean that the amount paid in the year 1877 to foreign nations for core, cattle and meat was \$484,308,685, to contrast with \$435,646,930 in 1876. For live stock he sum disburned was, in 1877, \$30,078,450 as against \$36,301,515 in the precoding year—the prices paid being somewhat lewer last year than the year before. The aums for fresh meats were much larger, consequent upon the shipment from the United States and Canada of quantities of beef and carcasses of mutton. The total sumpaid for foreign stock alive and divessed was, its 1877, \$88,068,370 in 1876, it amounted \$96,122,275. For corn, the sum paid last year was \$315,961,120; in 1876, \$227,073,240. Foreign butter cost in 1877, \$81,302,405, to be compared, respectively, with \$48,513,190,521,227,140, and \$15,001,605 in 1876. The British demand for American butter and choese is constantly increasing.