Difficult Digestion is dyspepsia. li makes life miserable. It makes one eat not because they want to, ut simply because they must. they know they are irritable and freiful; they cannot be otherwise. complain of a bad taste in the it, a tenderness at the pit of the stoma tenderness into of puffy fulness, e bearburn and what not. fectual remedy, proved by perma-tes of thousands of severe cases, is Hood's Sarsaparilla Hoop's Pills are the best cathartic.

Erudition.

"Remember," said the Boston boy's "that children should be seen d not heard." "My dear sir," was the courteous

er, "that is one of the theories allacy has long since been adted by civilized nations. The emof China is about the only person he world who gives it serious conration."- Washington Star.

Who's Your Grocer?

If he doesn't handle Monopole Spices nght to. If you want to try them, and us his name and address with two end you a 10 cent tin of Monopole venne or Ginger or White Pepper or variety. We know you'll say it ne to Wadhams & Kerr Bros., Port-

Retaining Fee.

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inest-Are tips expected here? Waiter-No, sah; we doan accept nc. migar tips, sah. We is free-bohn American citizens, sah, we is, and we ish to preserve our self respect, sah." "I am glad to hear that." "Yes, sah, all we require is a retaining fee, same a Nork Weekly.

Hamlin's Wizard Oil is a good mediine; pain and suffering cannot abide ith it; your druggist will tell you so.

Noah's Troubles.

hio State Journal.

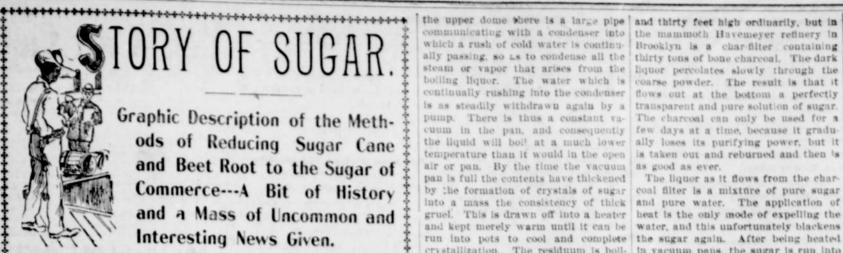
Domestic Troubles. Mr. Nagget-Oh, what's the matter ith you? You're forever finding

Mrs. Nagget (sweetly) Weil, that alizes things. You're forever losing

Mr. Nagget -Losing one? Mrs. Nagget-Yes, your temper. rely that's a fault.

ITS Permanently Cured. No fits or nervousness after first fay's use of Dr. Kline's Great Nerve laters. Send for FREE 52.00 trial bothe and treat-n. Dr. B.I. KLINE. Ltd., 331 Arch St., Philadelphia, Pe

The Sure Way. "How dare you send a collector to 'To tell the trnth, sir, we were a litloubtful about you.' "Then why not have me looked up? would then have known that I



S UGAR is a generic term, having one meaning in chemistry, an-other in chemistry, another in commerce and still an- hand hoeing was universal, but the other in polities. In the slang phrase- plow is now very generally used when ology of the day, sugar has supplanted the nature of the ground permits. The "soap" as the agent which keeps po- best varieties are ready for cutting in litical machines greased and accom- about ten months from the time of plishes many things which the uniniplanting, but other varieties require tiated public fails to understand. from twelve to twenty months to de-The suga: of commerce, however, velop. When the canes are fully ripe while it has been suspected of mixing they are cut a little above the ground,

and us his name and address with two in politics, has a more important office and tied in bundles to be conveyed to than that of a lubricant of the wheels the mill. Fresh canes spring from the of government. If it sweetens the cup root, so that the plantation does not for some of our statesmen it also fills require to be renewed for several the variety. We know you it say it the cup for thousands of tollers, gives years; but the canes of the first crop scores of thousands of little folks the | are the largest, and a gradual decrease stomach ache and, in one form or an- of size takes place. The ordinary pracother, makes America the paradise of tice on sugar estates is to renew a part dentists. America does not make a of the plantation every year.

very large proportion of the world's Sugar refining, to which passing refsupply of raw saccharine matter, but erence has been made, has become a it refines a great deal of it, importing gigantic industry, and the process has for the purpose something like 2,700,- been improved so much by the intro-000,000 pounds annually. While the duction of machinery that whereas for-United States produces only about merly only the very wealthy could 600,000,000 pounds of cane sugar annu- afford to use refined sugar, now it is Yes, sah, all we require is a retain-fee, same as lawyers, sah."-New ally, it refines many times that amount, one of the commonest necessaries of an indication that this country not only life. Even so late as the last half of has a very big sweet tooth but has a the last century, sugar was by no refining influence upon one of the means in general use, its cost being prohibitive excepting among the rich.

The sugar of commerce is obtained The process of refining sugar is sub- twelve stories high, and the raw sugar flow of the treacle or syrup to the aperid learn to stay on its own side of abroad, and of late years to a consider- ple pressure. The mills in use are pow- sugar, and the heat being gradually liquid is unable to dissolve any more shocking and hauling.

ommunicating with a condenser into the mammoth Havemeyer refinery in which a rush of cold water is continu- Brooklyn is a char-filter containing The Following Points Should be Kept in ally passing, so Ls to condense all the thirty tons of bone charcoal. The dark steam or vapor that arises from the liquor percolates slowly through the boiling liquor. The water which is coarse powder. The result is that it continually rushing into the condenser flows out at the bottom a perfectly is as steadily withdrawn again by a transparent and pure solution of sugar. pump. There is thus a constant va- The charcoal can only be used for a cuum in the pan, and consequently few days at a time, because it graduthe liquid will boll at a much lower ally loses its purifying power, but it temperature than it would in the open is taken out and reburned and then is air or pan. By the time the vacuum as good as ever. pan is full the contents have thickened The liquor as it flows from the char-

by the formation of crystals of sugar coal filter is a mixture of pure sugar into a mass the consistency of thick and pure water. The application of gruel. This is drawn off into a heater heat is the only mode of expelling the and kept merely warm until it can be water, and this unfortunately blackens with proper strength and evenness. run into pots to cool and complete the sugar again. After being heated crystallization. The residuum is boll- in vacuum pans, the sugar is run into bundles can you bind with one dollar's ed and reboiled, making the different sugar-loaf forms which, after cooling, worth of Twine? Notice the length, lower grades of sugar. The result of are carried to a room warmed by steam this process is raw sugar, which must pipes. This warmth facilitates the Twine you get for a dollar. The mixed

be refined in order to make the sugar ommerce.

Sugar refining was unknown to the ancients, and even the refineries established in Germany in the sixteenth cetury went no further than to clarify the syrup and make a sort of sugar candy. The present system of refining is the result of development, and is regarded as nearly perfect.



Mind. Beware of unscrupulous dealers who isrepresent the quality of this import-

ant article. The best material for Binding Twine is pure Manila fibre. The poorest material for Binding Twine is Sisal fibre. The best Binding Twine is Pure Manila, selected fibre, 650 feet to the pound. The next grade is made partly of Pure Manila fibre and runs

600 feet to the pound. Twine made of Sisal fibre cannot be spun longer than 500 feet to the pound The great question is how many per pound and figure how many feet of

fibre twine is 20 per cent longer than the Sisal grades. The Pure Manita Twine is 30 per cent longer. It is a simple problem in arithmetic. Use a little "horse sense" and you cannot

fail to decide right. Standard Twine is Sisal Twine, colored or dyed to imitate Manila, and is same length to the pound as Sizal, in the same strength and same price at all factories where it is made. Some dealers are selling it for a better grade than Sisal, which it is not. When they misrepresent the twine and use a few minutes Field said: deception to enlarge their profit do leather shoes you wore last winter?" they deserve patronage?

BUYING BINDING TWINE.

If Twine is made of Pure Manila fibre the tag attached to each ball will always bear the words "Pure Manila." If Twine contains any Manila fibre the word "Manila" will always appear

on the tag, for no dealer or maker will fail to put on the labels any fact which will recommend his goods. The "Red Clover Leaf" is the best grade of Twine made and is the favor-

ite with the farmers all over the Pacific coast, and is of guaranteed length and strength. The Manila grades are the smoothest,

evenest and most satisfactory in every respect.

our country, and in Asiatic trade lies

and our commerce will increase a

The only check that can be put upon

the rapacity of the producers of Sisal

fibre in Yucatan (which is the cause of

the present high price of twine) is the

Reduce the demand for Sisal Twine

largest possible use of Manila fibre.

The Sisal grades are rough, coarse from the juice of the sugar cane, a stantially the same in all countries, is first hoisted to the upper story, ture at the bottom of the form. To and harsh; they wear out the knotters, tivals took place in the villages of Gasgenus of the grasses, which is found although it has been brought to great- where it is dissolved in large tanks of get rid of the coating of colored syrup twine guides and twine holders on the "Confound that dinosaurus!" ex- chiefly in tropical and sub-tropical re- er perfection in America than else- hot water, care seing taken to use as which still hangs about the crystals of binders very fast and are so stiff and usually consisted of a gun, a sheep, a disimed Noah, as the ark gave such a gions, and is also obtained from a spe- where. The preparation of raw sugar little water for the purpose as possi-disimed Noah, as the ark gave such a gions, and is also obtained from a spe- where. The preparation of raw sugar and to starboard that the waves cles of the beet root which is culti- is interesting. The extraction of the ble. Formerly a quantity of bullock's solution of pure white sugar is poured by to slip and become untied when the haded against the roof. "I wish it vated for the purpose extensively juice from the cane is effected by sim- blood was stirred into the solution of on the top of the form. This strong bundle drops from the binder or in

thousand fold.

able and constantly increasing extent erful machines. Some idea of the raised, the albumen of the blood coagu- sugar, but being more fluid than the Some twines are sold merely by the Then Noah seized a handspike and in some portions of the United States. strength of these mills will be formed lated and rose to the surface in the sticky coating of syrup adhering to name of the manufacturer and the arted below deck to shift the cargo. - As a matter of fact, the world's annual from the fact that one of the rollers form of a thick scum, bringing with the crystals, it mixes with the coatings salesman is careful not to mention the production of beet sugar is much larger weighs upward of five tons. The axles it nearly all the mechanical impurities and makes them fluid enough to flow grade or quality. In buying always a disease!"-Chicago Daily News. than the production of cane sugar, are 12 inches in diameter. The canes, floating in the fluid. Now the same re- down to the bottom of the form, leav- require specific information as to the Nothers will find Mrs. Winstow's Sooth-a syrup the best remedy to use for their estructure during the teething period. Cane sugar is the kind in common freed from all loose leaves, are passed sult is obtained by an air blast which ing the crystals clear of syrup and coloring. The liquer draining freed from all loose leaves, are passed well the bottom of the form, leav-the bottom of the form all loose leaves, are passed the bottom of the form all loose leaves, are passed the bottom of the form all loose leaves, are passed the bottom of the form all loose leaves, are passed the bottom of the form all loose leaves, are passed the bottom of the form, leav-the bottom of the form all loose leaves, are passed the bottom of the form all loose leaves, are passed the bottom of the form all loose leaves, are passed the bottom of the form, leav-the bottom of the form all loose leaves, are passed the bottom of the form, leav-the bottom of the form all loose leaves, are passed the bottom of the form, leav-the bottom of the form, leav-the bottom of the form, leav-the bottom of the form all loose leaves, are passed the bottom of the form of the form, leav-the bottom of the form, leav-the bottom of the form, leav-the bottom of the form of the form, leav-the

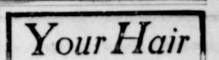
The liquor draining from the forms tached to the balls. The buyer, if well is reboiled and forms loaves of inferior informed, cannot be deceived. grade, and the liquor drained from the Manila fibre is all brought from the inferior loaves is again bolled into yel. Philippine islands. The Pacific coast should especially encourage trade with low sugars.

Crushed sugar is simply inferior these islands, for they now belong to oaves crushed while soft and moist. The syrup which drains from refined our best hope for the future, for the sugar is reboiled and constitutes the reason that when this trade is devel-"golden drip" syrup sold in the stores, oped the Pacific coast will control it

Beet Sugar Process. The process with beet sugar, which

is of inferior sweetening quality, is quite similar to that pursued with cane sugar, except that the juice is treated with lime or sulphuric acid to clarify it, is strained through flannel, and the filtered juice is mixed with limewater beat up with the white of egg. Beet

prices decline at once. root gives about 10 per cent of sac-charine matter as compared with the 18 per cent of cane sugar. The man-root gives about 10 per cent of sac-charine matter as compared with the super-charine matter as compared with the super-ter cent of cane sugar. The man-we will at all times sell at reasonable requirements fully met at Hoitt's School, Menlo gold-wurtzel beet is best for sugar prices based on the cost of the goods, making. These dry details give an and we will tell the truth about idea of sugar refining. The production the twine and will not resort to any of sugar, the various stages of its de misrepresentation. Our grades and brands are: Pure velopment from cane to marketable product, and the commerce in sugar Manila, "Red Clover Leaf" brand, 650 constitute a prodigious industry. The feet to the pound. Mixed Fibre beet sugar production of the world "Manila, ' 600 feet to pound. Colored amounts to 3,900,000 tons annually. Sisal, "Standard," 500 feet to pound. Sisal, "Pure Sisal," 500 feet to pound. while the production of cane sugar reaches an annual total of 2,960,000 THE PORTLAND CORDAGE CO. tons. A fair proportion of the world's Patronize home manufactures. All output of raw cane sugar comes from our twine is made in Oregon. None of America, not to exceed 265,000 tons, the money goes out of the state except the cane sugar growing being confined | the bare cost of the raw material. to the States of Louisiana, Texas, Proves His Heroism. Florida and Mississippl, the first named State producing all but 6,000 "Did you say," asked the author" tons of it. The greatest cane sugar friend, "that your hero, who is poor, is country in the world is Cuba, with to marry the rich heiress" 850,000 tons annually. Then comes "Yes, that is the way he proves his Java, 480,000; the United States, 265,heroism.' -- Indianapolis News. 000; Philippine Islands, 265,000; Bra-Ressonable Inference zil, 260,000; Hawalian Islands, 135,000; "Did the evidence in that divorce Mauritius, 125,000; Demarara, 110,000; Egypt, 70,000; Barbadoes, 65,000; Porto suit indicate that Mrs. Flash was gid Rico, 60,000; Trinidad, 50,000; Guade- dy" "I guess so. The judge and five loupe, 40,000; Reunion, 37,000; Martinique, 32,000; Jamaica, 25,000; Lesser the jurors wanted to marry her."



"Two years ago my hair was falling out badly. I purchased a bottle of Ayer's Hair Vigor, and soon my hair stopped coming out.' Miss Minnie Hoover, Paris, Ill.

Perhaps your mother had thin hair, but that is no reason why you must go through life with halfstarved hair. If you want long, thick hair, feed it with Aver's Hair Vigor, and make it rich, dark, and heavy.

\$1.00 a bottle. All druggists.

one dollar and give J. C. AYER CO., Lowell, Mas

Patent Had Expired.

Lou Field met Gus Rodgers on the Rialto a few days ago. After talking

"Gus, what's become of those patent "They have gone to the wall, Lonis,"

"Why, wasn't the leather good?" "Yes," said Gus with a sigh, "but the patent expired,"-New York Times

Something Wrong.

Windig-I make it a rule never to talk on any subject of which I know nothing.

Jabber-If that's true, it's mighty

Windig-What's mighty queer? Jabber-The fact that you are constantly talking.

Stilt Racing in Gascony.

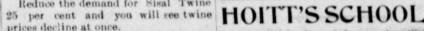
Until very recently hardly any fesconv without stilt races. The prizes young women took part in the exercises.

And it's incurable.

Judge-What is your profession? Witness-I'm a poet, your honor. "Huh! That's not a profession; it's



Thirty-third year. Commodious build-ings. Modern equipment. Academic and college preparatory courses. Spe-cial courses in music and art. Illins, trated estalogue. All departments will reopen September 16. MISS ELEANOR TEBBETTS, Principal





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on't Get Footsore! Get Foot-Ease. tis a certain cure for sweating, callous and t, tired, aching feet. Makes new or tight reseasy. Try it today. Sold by all Druggists. stered, aching leet. Jakes new or ugin essensy. Try it today. Sold by all Druggists. See 25c. Don't accept a substitute. Sample it FREE. Address Allen S. Olmsted, LeRoy

Only Time Could Tell.

"Hey!" shouted the cycle policeman, the man in the big racing car started go past him like a railroad train, 'Ain't you riding a trifle more an eight miles an hour?"

"How do I know," howled the speed aker over his shoulder. "I haven't iden an hour yet."-Automobile gazine.



A Windfall.

"You say his money fell to him?" "No, he fell to it-tumbled through ago Herald.

receive attention.

Sufferers from this horrible malady

it driven out. This S. S. S. does, and Venice. It is believed that the regular in a row with a large fire under the cylinders about six feet in diameter ity in prescribing large doses. the only medicine that can reach deep tated, obstinate blood troubles like this. Venice. It is believed that the regular in a tothe end. This one fire, which business of refining was established one at the end. This one fire, which further the first refinery of runs along under the rows of pans, is the all the poison has been forced out first in Germany. The first refinery of runs along under the rows of pans, is the system the Cancer heals, and the which any notice exists was established at Dresden in 1597, but many years tant pans and to increase the heat as

Cancer begins often in a small way, as the prior to that date clarification of the the pans near the source of heat, until ing letter from Mrs. Shirer shows all pimple came on my jaw about an inch the car on the left side of my face. It gave



eginning ; the sore began to a few bottles disa ppeared to years ago ; there are still fer, and my eneral heatil the greatest of all 22 degrees south. The cane-producing two for the admission of steam beod purifiers, and the one guaranteed urely vegetable. Send or our free book on acer, containing valuable and interest marara, Egypt, Barbadoes, Peru, Porto the inner bottom, so as to still further information about this disease, and Rico. Trinidad, Guadaloupe, Reunion, increase the amount of heating surour physicians about this disease, and Rico, Irinidad, Guanaloupe, in Lesser face. This apparatus is made perfect-THE SWIFT SPECIFIC CO., ATLANTA CA. Antilles.

tained from this source.

Limited Area of Sugar Growing.

is rarely found at all, and never in

SCENES IN THE SUGAR CANE DISTRICT.

syrup was the subject of learned treat- the first two or three boil and the first

ises. Until 1747 sugar was supposed to one seethes and foams violently. The

be the product of cane only, but in juice is gradually drawn from one pan

that year Marggraf, a German chemist, to another until it reaches the pan in

demonstrated that it was a natural which the greatest degree of heat is

product of other vegetables, especially found. After the concentration has

of the beet root, and half a century been carried to a given point and all

later its manufacture from that source the scum has been got rid of, the ap-

was first commenced in Silesia, A plication of high heat is suspended,

large part of the sugar consumed on and the liquor, now of the color of port

the continent of Europe is now ob- wine, and of the consistency of oil, is

profitable condition, north of latitude of a spherical form. The bottom is 32 degrees north, or south of latitude double, leaving a space of an inch or

countries are Cuba, Java, the United tween the two bottoms, and there is

States, the Philippine Islands, Brazil, generally a long coll of copper pipe of the Hawailan Islands, Mauritius, De- three or four inches diameter above

Sugar cane is not cosmopolitan. It est possible temperature.

drawn into a vacuum pan, where the

concentration is completed at the low-

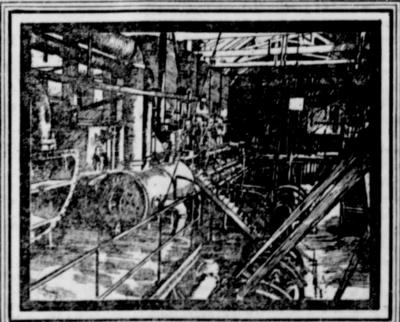
The vacuum pan is made of copper

ly air and steam tight. Leading from

coal hole and sued the city."-Chi- use, or at least is supposed to be, and through between the rollers under the stirs the fluid in huge tanks called as cane sugar is entitled to prece- greatest pressure that can be brought "blow-ups."

dence on account of age, it should first to bear upon them. The rollers revolve Two methods of filteration are emonly from two to four times per min- ployed. The older method is to pass Sugar cane was grown in Cyprus ute. From 100 pounds of cane, 65 or the hot liquid into cloth bags. These about the middle of the tweifth cen- 75 pounds of cane juice will be ex- filters are made of very closely woven tury; later was transported to Madeira, pressed. The juice, which is of a cotton cloth capable of retaining the and early in the sixteenth century was sweetish taste, and of the color of minutest particle of mechanical imtom the parents, but may be from some carried from Madeira to the West Innote ancestor, for Cancer often runs dies, now the greatest cane-growing mill to a reservoir, where it usually rethrough several generations. This deadly section in the world. It is supposed ceives a small dose of quicklime, and they are suspended in an iron closet without delay runs off to large iron or and subjected to an atmosphere of that sugar originally was known only in the blood for that sugar originally was known only in the form of the sweet juice expression of the transformation of the sweet juice expression o tion of as late date as the fifteenth skimmed off or the liquid is drawn off matter, and then strain the fluid To cure Cancer thoroughly and perms century, and it was not until the mid- at the bottom. The concentration of through jute and cotton. After reheatently all the poisonous virus must be diminated from the blood—every vestage art of refining sugar was discovered in a it drives out of large, hemispherical iron pans set charred bone. These filters are from

No man admires a doctor's generos



INTERIOR OF A BEET SUGAR MILL.

Antilles, 25,000.

If there is anything certain, it is that no intelligent person will retain all the same views at 30 that he held at 30 or retain those at 50 that ne held at 30. Nor are three mental variations to be deplored. Emerson says, "Why should you keep your head over your shoulder. lest you contraulet somewuat you have stated in this or that public place? Suppose you shou... contradict yourself-what then? It seems to be a rule of wisdom never to rely on your memory'alone, but ring the past for judgment into the thousand-eyed present, and live ever in a new day."



Brooklyn Life.

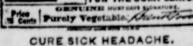


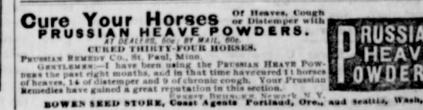
SECURITY,

Cenuine

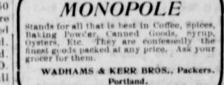
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Park, San Mateo County, Cal. Send for Catalogue. Twelth year begins August 12th. IRA G. HOITT, Ph. D., Principal.



JOHN POOLE, PORTLAND, ORE Foot of Morrison Street. Can give you the best bargains in Bollers and Engines, Windmills, Pumps and Gene-





serves to show that pressure against Il raise the wheels from ground, decre n and cutting power. With the Cha raw Cut the contrary is the result-nr d Idaho, MITCHELL, LEWI O. General Acents, Portland, C

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Summer Resolutions THE Keeley Cure



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