A correspondent writes : I send you an account of a visit I made to a glass factory in Streator, Ill., thinking that many people, like myself, are unfamillar with the process of making glass. coverer of America; it was he who through it, it would seem almost an early voyages he had no doubt that he impossibility to say that the window had visited India, but after his voyage glass was blown, and yet it is all sim-ple enough when we have seen the appointment that a "New Found little let me say that they are the only desired Asia. As the German writer, "light" things in the muddlest of all Dr. Asher, has well said, "Cabot's dismuddy Illinois towns-that make vari-ous kinds of glass ware, from a huge covery of a new world." In his charts window glass 60x48 to the tiniest of North America stands as a separate little perfume bottles.

steps naturally took the direction of arate islands were delineated, as of the largest of the window glass facto- old, by others, and all were still ries, and having obtained permission supposed to be outlying parts from the superintendent, we were soon of Asia. In this, as in other rein what is known as the "furnace spects, Cabot was better appreciated. room," where the main work of glass fifty years later than in his own day. making, including the blowing pro-cess, is done. It is a novel sight and one I shall not forget soon. The lurid light of the many glowing furnaces, Peter Martyr, "must not go to the the quietly but quickly moving forms frozen North." And after one or two of the workmen gliding around in and ineffectual undertakings he found no among the shadows, made a sight that encouragement to repeat his voyages would require only a weak imagina- to the North American coast, but was tion to seem all but demoniacal. I sought for both by Spain and England. am hardly well enough acquainted to conduct other enterprises. He was with the art to describe the process employed in organizing expeditions to minutely, and should any "boss blower" the Brazils, of to the north pole by happen to see this article he will please

principally of white sand, though tion; he died dreaming of a new and arsenic, lime, a soda ash of some kind infallible mode of discovering the and some minor chemicals, in small longtitude which he thought had been quantities are essential. The sand revealed to him from heaven, and used by the Streator factories is obtained from the bed of the Fox river, of his death, like that of his birth, is at Ottawa, and is very fine and almost unknown, and his burial-place is fora pure white. The first step is to free the sand from all impurities. This is done by waahing it in huge vats. ent object toward the American con-After being washed and the compounds completed, consisting of the achievements, and based on them a various articles already mentioned, the claim of ownership by right of dismixture is put into a huge crucible covery. Even then they were so little called "the pot." You have all seen appreciated that Lord Bacon, writing those little barned clay crucibles jewel- his "Reign of Henry VII.." gives but ers use. Well, this is quite similar, three or four sentences to the exploraonly it is as large as a hogshead. This tions which perhaps exceed in real imhuge pot is lifted by a device quite portance all else that happened under similar to a hook and ladder truck. that reign. except that it has long iron arms. The whole device being on wheels, is rolled into the furnace-room and the pot placed in one of the ten huge fur- this curious story: Mr. Herbert Kelnaces. This operation is called "plac- cey, as all my readers know, is leading ing the pot.

water.

This process is continued until a ball ts gathered as large as a water path 'A' gentleman of my acquaintance This is then rolled around and around was, resently calling on two young in an iron bowl until it assumes a dautes in a handsome house on Fifth pear shape. Then the "blower" takes avenue, the number of which I am not it, and now comes the hardest task in Lat liberty to give, and would not give glass blowing. In starting this solid if I were. After conversing awhile red-hot half-molten mass to expand he noticed something in a further and assume a shape something like our corner of the parlor, which, in the common glass, so great are his efforts semi-obscurity of its position, re-that his cheeks expand to an enormous sembled a shrine. His curiosity led size and the sweat starts out in huge him to look toward this object so often drops. But closely watching the half that one of the ladies finally said : transparent glowing mass, you see a "I see, sir, that you are curious con-little blubber start in the center, and cerning our deity. for, although you thus it rapidly assumes a regular domi- cannot see from where you sit, we have john shape, say two feet long by one a deity enshrined in that corner. If in diameter. All this time it has been you will promise not to say a word, rapidly revolved by the operatory par- we will allow you a closer inspection." taking shape from this iron bowl, hav- The gentleman readily gave the reing become sufficiently cold and hard quited promise, and was led solemnly enough to bear lifting, it is by a nice to themysterious god. Before a handmovement swung upon a crane and somely-carved shrine incense was thrust into the furnace, where, by the slowly burning, while upon it he obexact nicety of long experience, it is served, to his utter astonishment, a kept in the intense heat until half photograph of Mr. Herbert Kelcey, melted. It is then withdrawn and Both ladies clasped their hands and swung by the operator from an ele-vated platform, round and round his upon the counterfeit of Mr. Kelcey's head much as a professional swings an handsome features. Then they led the Indian club, meanwhile forcing air into | way, just as quietly and solemnly, back it and subjecting it to the heat when to their original positions. necessary, until he has a red-hot cylinder of perfect glass, exact in proportions, and of uniform thickness, five feet in length and about fifteen inches going into an old merchant's store, diameter. These are then allowed to cool, and day." "Well, replied the old man, quietly, "Well, replied the old man, quietly, in diameter. are cut to one exact length, by stretching a small cord of molten glass around the cylinder, allowing it to harden, and 1 want. then touching it with a cold iron, which causes the warm crystal to contract so quick that it cracks right off as smooth and even as a carpenter I started out that I could teach 'em a could saw a board. These cylinders few tricks, and I'm here to do it. I'm are then cut lengthwise in the same bound to sell if it takes the hair off. manner, and are then subjected to a What do you want?" heated furnace intense enough to cause them to wilt down perfectly flat. This hat band, a keg of nalls from the fin-is called the "flattening process." The gers of scorn, a buach of hair from the sheets are then revolved around on an head of a river, a side of leather from endless moving platform something a Wall street bull, a bundle of shingles like a straw carrier of a threshing ma- from the roof of your mouth, a grindchine until gradually cooled and tem- stone from the Rock of Ages, a case of pered. They are carried to the cutting shoes for the foot of my back stairs, a and packing-room where they are made | nest of coffins for the dead stock on into various sized sheets, or more prop- the shelves, aerly panes, to suit the demand, and packed in the manner familiar to all and the old one chuckled to himself and sent to all parts of the world. This and sent in an order by mail .- The factory only a short time ago sent a Drummer. large cargo to Australia. To conclude, it might not be out of the way to add that the factory I visited had twelve blowers. They all belong to the "Glass motive power to machinery is probably Blowers' Union," and are permitted to that recently put up at Berlin. Its blow only so many cylinders a day- width is about six feet three inches, ninety being the number, I believe, and its weight one and a half tons. They earn from \$125 to \$500 a month, Some two hundred of the largest and

# WINDOW GLASS, Was Interesting Industry Described-Its Danger to Mealth. glass blowing business an impossibility. It is a rarity to meet a glass blower over thirty-five years old.

## Sebastian Cabot.

T. W. Higginson, writing in Horper's Magazine, says : Sebastian Cabot was certainly in one sense the dis-To the uninitiated, sitting by the win- first made sure that it was a wholly dow, tapping the pane idly as you look new and unknown continent. In his There are five glass factories Land" of most inhospitable aspect lay in Streator-and to digress here just a as a barrier between Europe and the and continuous continent, though Having seen bottles, etc., blown, my doubtless long after his time the sepway of Russia, but the continent he To continue. First, be it known that the glass of commerce is composed which he must not disclose. The date gotten. But fifty years later, when Englishmen turned again for a differ-

### Foolish Society Belles.

A writer for a New York paper tells heavy man at Wallack's theatre. Mr. Under the intense heat of the fur- Kelcey shows himself to be a very comnace, so many degrees that I am afraid to tell you—the fires never go out from September 1 to July 81—the mixture gradually melts, looking like moden iron, only of a more whitish color. The men called gatherers, as their fully scented note paper as came to the name implies, gather a ball of this lot of Charles Thorne in his palmy diquid sand by dipping the pipe into the crucible and withdrawing it, the lamented Montague, Mr. Kelcey allowing what clings to the end to par. - nevertheless has his share, and uncontially cool by slight contact with warm sciously, but none the less completely, has captivated two social brilhants, as

#### The Anchor.

As, many a time, within the zone of palms, In beauteous haven of some Indian land, The voyager beholds, at noontide calma, His anchor biting in the golden sand, Mid stony aborescence submarine,

Weads, cowriss, and the rare pearl-oysters

Distinctly through the waters crystalline,

may we-looking in our minds, rife With branchwork of the ever-building

thought, With salt weeds, and the scattered things

that life, Or worthless shells or pearls of price, hath

wrought---

Perceive, when turbid passions have no breath,

An enormous swell-A ballogn. A penny perfume is not always orth a scent. worth a scent.

but late suppers make the nightman, in the case showed that the lover had

question: "Which is the most fun-to see a man try to thread a needle or a bing. Thus ended the first trial of attempted suicide in New York.

A young woman in Oil City possesses a bass voice with a compass to D flat on the bass cleff. When she sees a rat the neighbors know it .--Boston Post.

Grabbing at a fortune is very much she was when you started the grabbing-Puck.

New Yorkers seem fairly to worship wealth. They have elected to their legislature two bankers, five journalists and one plumber .- Philadelphia News.

"Yes," said the fair but false young vocalist to Bumbleton, "that is an old English song with a refrain." "Ah," replied the crusty critic, "that just suits me. Refrain from singing it."

who shall be a companion of my heart, compound with small seeds of some my head, my lot." A candidate for cheap innocuous herb. A common the situation wrote: "I don't care to form of sugar is used and this is the know anything about your head or only honest ingredient of the mess, heart; but how big is your lot?"

dear," said one lady to another, "you Times, will have neither eyes nor ears when your husband comes home late from the club." "Yes, I know," answered the other, wearily, "but what am I to do with my nose?"

A bright little girl, noticing among the company at her father's residence, on a certain occasion, a gentleman whose face was considerably pock-marked, seemed much struck with his appearance, and after the company retired inquired who the "moth-eaten gentleman" was.

Illinois is worrying over the question, "Who shall step into David Davis' shoes?" The next senator may and Miners' Transportation Line bestep into David's shoes, but by the great American desert he'd better keep out of the old man's trousers if he wants to be found in time to draw any pay .- Hawkeye.

The First Trial of Attempted | Suicide. Dora Huber was called to the bar of the general sessions court in New York for trial by Assistant District Attorney Physicians deciare Haden to the O'Byrne. Three weeks previous Dora. drank a cup of milk in which she had placed phosphorus matches. She was taken to the New York hospital, and when she recovered was taken to the Essex Market police court, where a charge of attempted suicide was made against her and Justice Smith held lier for trial. Policeman Frank J. Fuchs for trial. Policeman Frank J. Fuchs. was the first witness. He said he was called into the house and found the woman lying in bed. She told-him she attempted sulcide. Colonel Spencer here interrupted and said breath, When God's high sunlight nothing and dow, oth, Hope's anchor-hold on golded, room mark faith! -William Gibson, in Harper's Angeazine HUMOR OF THE DAY. HUMOR OF THE DAY. The court asked him if he was satisfied to marry her and he allowered hay was. The same question was also put tos the woman, who also expressed her willingness. Colonel Spencer again arose and stated that the fast come. Two kinds of people to avoid Fred. Droken his promise and the girl took ple whom you owe money to and pro-ple who wish to borrow. A debating society will tackle the married the avoid Judge Gildersleeve married the avoid Judge Gildersleeve married the couple. They stood dur-

# Jam from Turnips and Tar.

According to a correspondent of a trade journal it is a mistake to suppose that fruit is absolutely necessary to like grabbing at a strange cat-that the manufacture of preserves. He de-cat doesn't always seem to be where scribes a visit to a large jam-producing scribes a visit to a large jam-producing factory, in which he found that the work was being bravely carried on without the aid of fruit at all. Jams of various kinds were being produced before his eyes-currant, plum, strawberry, apricot, raspberry and gouse berry. Yet neither currant, plum, strawberry, apricot, raspberry nor gooseberry was in the building. Turnips served the purposes of frait. The flavoring matter was extracted from coal-tar and the resemblance to raspberry and strawberry jam was fur-A man advertised for "a helpmate, ther produced by mixing the boiling These preserves are offered as made "If you would be truly happy, my from "this season's fruit."-London

> A late report from the East says that the Chinese and Japanese have discovered that cheese can be manufactured from a species of bean which hev have long eaten as a vegetable.

A teaspoonful of the white of an egg well beaten and mixed with lemon juice and sugar, taken occasionally will relieve hoarseness.

## The Age of Suspicion.

Truly, this is an age of suspicion. Nevertheless, Captain F. M. Howes, of the steamer William Crane, Merchants'

Punn es CHARGED HANDS, LICE, Din akin crewel by uning July

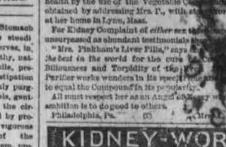
"Rough on Rata," Clears det sals, mile nice, rouches, bed burgs, ants, varmin, 16 Mornen Swas's World Straup, for fiverise ness; restlehsness, worms, e Tasteless,

Connect your habits of cronlind walking by sing Lyon's Patent Matullic Hael Stifford and



Consumption

permanently cured by if such it will under all dreumstances, set in horm that governs the female system. It couts only \$1, per bottle or six for druggists. Any solvice required as to a the names of many who have been re health by the use of the Vegetable C



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Disenglori, Floodings, all Di

It permitates overy portion of the ew life and vigen. It reme estroys all craving for stin

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FOR THE PERMANENT CURE OF CONSTIPATION.

od KIDNEY-WOILT ire. Whatever the cause, however of to case, this femely will overcome it.

PILES. in very apt to be com ith constipation. Knows of the second parts and going of the second parts and going of the second physicians and y it is fore fulled.

RHEUMATISM. DERFUL CURE, as it is fay ALL the pa-lassages of the Kidneys, Liver and Bow It obtaines the system of the arrad poison surves the dreatful suffering which only

of rheumatism can realize. THOUSANDS OF CASES rorst forms of this ceretile disca PERFECTLY OURED

ty It cleanses, Strengthenn and st Life to all the important circans of the floo natural action of the Kidneyn is The Liver is cleansed of all dispess, Bowels move freely and legalthfully.

Cures Consumption, Colds, Pneumonia, in-furenza, Brouchial Difficulties, Broachlis, Honrschess, Asthma, Croop, Whoopius Congh, and all Distaces of the Breathing Orgins, It southes and henis the Membran of the Lungs, hithaned and poisoned by the desinse, and prevents the night sweats and updimes acrees the clear which accompany it. Consumption is not an incurable malady. ItALL/25 ITAL/SAIL will cure you, ever thangh professional and falls. LIVER AND HOWELS, 45 \$1. LIQUE or DRT. Dry can WELLS, RICHARDSON & CO. ORGANS are cortainly best, having been be decreed at EVEN OFFAT WORLD'S ADDITION OF AN THE AND ADDITIONAL COMPETITION OF AN ADDITIONAL OF AN ATTEEN VEALENT OF ALMONTON OF A ADDITIONAL AND ADDITION AMONTON ADDITIONAL ADDITIONAL ADDITIONAL AMONTON ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL COMPETICIONAL ADDITIONAL ADDITIONALICA ADDITICO ADDITIONAL ADD KIDNEY-SAMARITAR HA

### He Hadn't the Goods.

"Hello," said a "fresh" drummer,

"I'm in the market, if you've got what

"Well, I'm with yon. I can sell you anything you want. I'm a new man on the road, but I told the boys when

"Well, I want some music from a

But the young man had slipped out

## A Gigautic Strap.

The biggest strap for transmitting according to the number of days they heaviest ox-hides were used to make it, work. But it is a fatal trade. The polsonous gases, etc., that they inhale nurs or is enders long if in the hundred barse-power of energy.

THE DELICACIES OF THE SEASON. Ice-cream is gone, but, pshaw! who cares. Just think of oyater stew. Why mourn for lemonade and pop When pancakes loom in view? Don't spare-ribs beat asparagus?

Can't mushrooms discount greens ? Don't ruffled grouse lay out corned beef, And quail beat pork and beans ?

"Well, old man, what's the matter with you?" "Oh! I have got the fever and ague." "Do you shake much?" "Shake! well, I should say so; you should see me about 4 o'clock in the afternoon if you want to see some hard shaking." "All right, I'll come around at that time, and perhaps you will shake out that ten-dollar bill you owe

### A Norse Scene.

me Rochester Express.

 $\alpha_{i}=$ 

Things really distant appear quite close, writes a traveler in Norway, so A weird feeling takes possession of geins of purest ray serene. one, when all around are signs of life, and yet the stillness is death-like. The present scene (Bredevadgen) was one of great beauty; the majestic gray mountains, their outlines carved against the cloudless blue sky; the vivid green sward, so closely embraced by the still waters that it was well nigh impossible to tell where the reality ended and the reflection began ; the motionless horses standing with drooping heads, as the barge slowly wended its way across the calm lake, nought breaking the stillness save the regular and distant thud of the oars in the rowlocks, and the tinkle of the bells on the cows, goats and sheep scattered on the surrounding hills. As the keel of the boat grated on the pebbles immediately below us, the horses roused themselves and slowly and leisurely stepped out, as they had entered some minutes before on the opposite shore. The whole scene stands out with vivid distinctness from the many glorious pictures in that land of beauty.

#### Great Seas.

The largest inland sea is the Caspian lying between Europe and Asia. Its greatest length is 760 miles, its greatest breadth 270 miles, and its jarea 180,000 square miles. Great Salt Lake, in Utah, which may properly be termed an inland sea, is about ninety miles long, and has a varying breadth of from twenty to thirty-five miles. Its surface is 4,200 feet above the level of he sea, whereas the Caspian sea is tween Boston and Baltimore, who suffered severely from rheumatism, caused by the exposure incident to his profession, was cured by St. Jacobs Oil. This is no suspicion.-Boston Globe,

In Eastern Massachusetts are seven nail mills, operating 300 machines and turning out an average of 10,000 kegs per week, mostly for the home trade, but furnishing shipments for Cuba and South America.

PETROLIA, Pa., January 5, 1879. MESSAS, KENNEDY & Co.:-My hair is grow-ing out so fast that I can almost see if grow-ing myself, through the use of your Carbon time. D. NILOS.

Did you read how Josiah Pitkin, of Chet-sea, VL, was cured of a terrible sore leg, by Hood's Saraaparilla, the blood purifier?

Hood's Sarsaparilla is made of roots, herbs and barks. It gives tone to the stomach , makes the weak strong. Sold by Druggists.

Seal-brown plush hats; closely cesembling seal chapeaux in shape and color, are made to look very stylish and handsome by trimming them with that one can see, for instance, the a golden pheasant on one side and a movement of a man or horse distinctly, soft knot of plush on the other, held and at the same time hear no sound. by a large gold buckle set with Parisian

#### THE TRANSFER

Of public confidence from other preparations of Sar-saparilla and other Blood Puriflers of whatever name to Hood's Sarsaparilla is the signal trimph of a meetkor-ous article. The people are quick to recognize true merit, and this is why the sale of Hood's Sarsaparilla far exceeds all similar preparations. One handred doess §i can only be applied to Hood's Sarsaparilla, and is an unanswerable argument as to medicinal strength and exceeds. and economy.

#### CATARRH.

**CATARRH.** We believe that mine-teniha of all cases of catarrh are constitutional. We also believe that a reliable counti-tutional remedy like Hood's Sarsaparilla, that strikes at the very root of the disease, will cure a very large proportion of all cases. In confirmation of this believ we offer evidence shiwing the effects of Hood's Sarsa-parilla upon this disease. A mother says: "My hop had catarrh so hadly that I could landly keep him in clean catarrh so hadly that I could landly keep him in clean handkerchiefs; he liss takes one bottle of Hood's Sar-saparilla, and that terrible amount of dischargs has stopped." Another writes: "I have had catarrh for years. Last April the dropping in my threat became so support. Another writes 't neve had catarn foor pears. Last April the dropping in my threat became as troublesome that I became alarmed, as it affected my right hung. I took two bottles of Hood's Sarapacitia and it cured me. My appetite, which was variable before, is first rate now." CHARLES H. Ghiryrix, Locall Mas. Lowell, Mans.

HOOD'S SARSAPARILLA. Sold by Druggiats. \$1. six for \$5. Made only by C. L. HOOD & CO., Apothecaries, Lowell, Mass.

A Care of Pneumonia. Mr. D. H. Barnahy, of Owego, New York, says that his daughter was taken with a violant cold which te-minated with pneumonis, and all the best physicians gave the case up and said the could not live but a few proves at ways of the said the data of the but a few hours at most. She was in this condition when a friend recommended Dr. W.m. Hall's Balsam for the Lungs and advised her to try it. She accepted it as a last resort, and was surprised to find that it produced a marked change for the better, and by personaring in its use a permanent cure was effected.

## Mothers, Attention !



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