A YANKEE SEA KING.

CAPTAIN SLOCUM SAILED AROUND THE WORLD IN A SLOOP.

The Bold Navigator and His Famous Craft, the Spray, Will Be at the Pan-American Exposition In Buifalo Next Summer.

The nautical adventures of the Vikings of old, which have been celebrated in song and story, are overshadowed in importance by the remarkable voyage of Captain Joshua Slocum around the world in a sloop 36 feet 9 inches in length over all and nine tons net burden. The solitary Yankee sea king cruised 46,000 miles on all the oceans, ten times the dis-tance ever claimed for a Viking ship. It was the first and only successful attempt to circumnavigate the globe alone in a small boat. The extraordinary character of the voyage can only be gauged by those who have devoted

per of the Boer Republic. While he was crillsing the Spanish-American war broke out, and his first intimation of the fact was gleaned from the Unit ed States cruiser Oregon, which sig naled, "Are there any Spanish men-of war about?" Captain Slocum knew of none being in that locality. He flippantly replied, "No, but let us keep together for mutual protection." It was on June 27, 1898, that the

to pay his respects to President Kru

Spray cast anchor at the moorings she had left on her voyage around the globe. To see the skipper and the craft of

globe circling celebrity will be a treat which all Exposition visitors will want to enjoy. ELBERT L. LEWIS.

OUTDOOR MACHINERY.

Due Class of Engine That Is Not Housed to Protect It From the Weather.

The oldest type of engine represented at the Pan-American Exposition is the windmill. The earliest mention we



numbe

their lives to sailing the seas and know their varying moods, and they one and all regard it as a most remark able exploit.

Captain Slocum and the boat in which he made his around the world voyage will be at the Pan-American Exposition next summer. The craft will ride upon the waters of the Beautiful Park Lake, where it may be view-

have of a windmill being employed to do any work was in Alexandria 150 B. C., when an invention driven by wind power was employed to operate a musical instrument. As even this must have been the product of evolution it leaves us entirely in the dark as to the actual origin. However, we know that windmills were employed in useful labor in many parts of Europe long before Columbus discovered America. These old windmills were quaint affairs. Some of them flosted on water and were turned by hand to meet the vagaries of the wind. A later development was built on a post, and still later the roof of the building was pivoted, which allowed the building itself to remain stationary. It remained for the engineers of the nineteenth century to construct a wind engine that was at once simple, useful and practical. The amount of power developed and usefully applied by this time honored invention amounts in the aggregate to hundreds of thousands of horsepower. At the Pan-American Exposition a group of windmills will be gathered together and planted in a corner of the grounds, where they will be required to pump water and in other ways demonstrate their usefulness. These will comprise many different types. showing the evolution of the engine from the old fashioned four sail pattern down to the ordinary multitudinous sprocket plan in which the sail area is automatically adjusted to the wind pressure and the speed is regulated by a governor. Some of these engines will develop a tremendous power, while others are simply devised as a cheap and reliable means of working a farmer's pump. Experiments extending over a period of years have been conducted for the purpose of generating electricity by this means. Developments along these lines so far have not been entirely satisfactory, though indications point to ultimate success. The difficulties met with are principally owing to the inconstancy of the wind, which must be overcome by storing up the energy of the gale to be given off as required. As the slow development of the storage battery retards this important achievement we await with impatience the improvements in this direction that we know ought to be made. The time will undoubtedly come when electric lighting will be done in this manner-in fact, the electric light plant in a village in Scotland is now partially operated by a wind wheel which is built on the horisontal principal. To those unfamiliar with the production of the wind engine as used at the present time a visit to this section of the Exposition will be a revelation. Hitherto this early invention has been useful merely to the farmer and stockman. Possibilities in the immediate future point to a much wider and more extended usefulness when power from this source will be bottled up in storage batteries and shipped to distant points to be used in the mechanic arts. HERRAR SHEA

STOCK AND STABLE.

STUDY OF VENTILATION OF INTEREST TO STOCKMEN

Necessity of Cleanliness, Fresh Air and "-nlight to Procure the Best Results-System to Be Used at Pan-American Exposition.

The Pan-American Exposition will prove to be of more grouine benefit to those interested in the proper care of live stock than any previous effort in this direction. Stable construction is a question that appeals with great force to every farmer who is anxious to secure good results. The question of expense is a great barrier to the proper building of this necessity. Unfortunately some of the early examples of good stables were built by men of large means, regardless of what the cost might be. As a result practical farmers were slow to take the matter up, as the idea of a properly constructed stable became at once associated with great expense.

One object of Mr. F. A. Converse, who has charge of the live stock and dairy products at the Exposition, in building a model stable at the Exposition is to counteract this erroneous impression.

A properly constructed stable is not necessarily an expensive one. Cleanliness, fresh air and sunlight, with a modulated temperature, may be obtained in a building of ordinary cheap construction if properly arranged.

A light, cheap framework covered with paper which is protected with a sheathing of very common boarding and covered with a good roof makes a very good start. This should stand on ground that is well drained and exposed to the sunlight, but protected from cold winds. The floor should be of cement and carefully designed to facilitate cleanliness in every particular. Double doors, fly screens and dark blinds should be provided and made to fit properly.

A system of ventilation should be provided that will ventilate. Anything will not do. By excluding the cold and the light ordinarily we also shut out the fresh air, without which no animal can thrive. Many stockmen are careful about the quality of the food, though careless about everything else in connection with the stable. In this manner they are protecting their stock in one direction while leaving them exposed in many others.

Stable air is devitalized by passing through the lungs, it is also being contaminated by chemical decomposition of the excrementum as well as the fumes arising from the fermentation of damp bedding, etc.

To thoroughly understand how to properly ventilate a stable it is necessary to study the circulation of air at changing temperatures, which is governed by fixed laws and may be easily understood. Warm air is lighter than cold air. Generally speaking, foul air is beavier than fresh pure air from the outside, even at the same temperature. Starting from this well known principle, ventilation should be arranged ac- and prominent field like this the Unitcordingly. Fresh air should be let in at ed States, with its wealth of active inthe top and the foul air taken out at ventive minds, is expected to take the

the fresh air in, the other, the King system, draws the foul air out. As Mr. Converse prefers the latter, that is the system be will demonstrate at the Exposition.

It consists of an air stack with a bood, the opening of which is turned away from the direction from which the wind is blowing. To this main air pipe are attached feeders from different parts of the stable. These feeders have slide openings to admit and carry off the foul air from near the floor at the sides of the stable. Fresh air is admitted through a central opening in the roof.

As the draft that is created by the hooded stack is sufficient to draw the bottom air from the stable, fresh air must go down through the central epening to take its place, and a change of air is a certainty. To prevent the intake from striking the animals too strong a shield is placed under the opening which assists in directing the flow of fresh air along the ceiling. In this manner it mixes with the warm air that naturally rises in the center of the stable, and all is intermingled and diffused. With a good stable well ventilated

and good feed intelligently fed the winter care of stock should be profitable as well as pleasant.

Epidemics have no bad effects on such stock, and a visit from the board of health has no unpleasant consequences for the owner. HERBERT SHEARER.

PROFUSION OF LIGHT.

More Than Three Hundred Thousand Lamps at Pan-American.

It has been said that the Pan-American Exposition will be a Rainbow City by day and City of Light by night. and if this be true it should prove the most beautiful sight of its kind ever crested for the delectation of the human vision.

Much has been written about the illuminations of the Exposition, but the public is scarcely aware of the magnificence of the scene which is to be created by the use of incandescent lights in such generous profusion about the main court of the Exposition and the buildings immediately surrounding it. When one says that 300,000 of these lights are to be used, the figures look large, but they are nevertheless true. Nor does this include all the lights that are to be used in the general illumination of the Exposition, for on the Midway several concessions, such as the Thompson Aeric Cycle, Streets of Mexico and some others will use as many as 2,000 lights each. In the buildings and about the border of the grounds will be are lights, while incandescent lamps will also be used by many individual exhibitors. Thus the figures 300,000 will be considerably increased. The illumination of the Electric Tower is going to be not only astonishing and novel, but truly artistic.

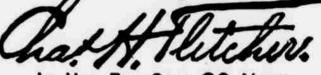
Antomobile Exhibit.

The automobile has won such favor that the construction of these vehicles has become one of the important new industries of the world. In any new lead. That this country does lead will



Castoria is a harmless substitute for Castor Oil, Pare-goric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. It destroys Worms and allays Feverishness. It cures Diarrhœa and Wind Colic. It relieves Teething Troubles and cures Constipation. It regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea-The Mother's Friend.

The Kind You Have Always Bought 9 Bears the Signature of



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Mamma-Bobby, do you remember he text last Sunday? Bobby-Yes, ma'am. I think it was Many are cold, but few are frozen."-

Some of the Exceptions. The horse with calmest eye may not Be easiest to ride; She may not be most innocent Who has a blush to hide: "Tis not the biggest syster that May have the pearl inside, "Tis not the finest wedding where The strongest knot is ticd.

-Chicago Times-Herald.

His Shyness.

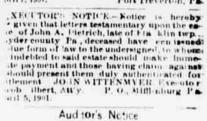
Girl with the Blonde Hair He wasa't a bad looking fellow, that young man who used to come to see you, but he always seemed to be painfully shy.

Girl with the Blonde Hair-He was-He was shy about \$50,000. Papa looked him up.-Chicago Tribune.

A Solitary Navigator.

Captain (discovering a stowaway in one of the steamer's lifeboats at sea)-Come, come! Who are you?

Stowaway (loftily)-Me? Why, Iam one of the fellers you read about in the newspapers that goes across the Atlantic ocean all alone in a little boat! -Brooklyn Eagle.



THE LID. REVIVO

14

Royal Medicine Co., Chicago,

iDDLEBURGH DRUG (n.

A DMIN (STRATORS' NOTI E Let-ters of Administration in the estate of id seaver, late of Union township Sny-ico nut, Fa. deseased, having ie a granted-the ind reigned all persons know up them-ves to obtain all persons know up them-ves to obtain a presence is not be ke investigated to said estate are requested to ke investigated to said estate will present if them of the indicated to the undersigned.

A. H. TROUTMAN, Administrator aril1, 1901. Port Treventon, P.

see or Middleburgs, co. 9

RESTORES VITALITY

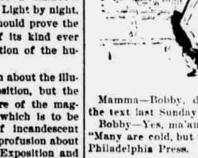
Made a

Well Man

of Me.

I re-estate of Charles | In the Orphans" over late of Penn | Court of Snyder Co., over late of Penn | Court of p. Snyder Co., dec d. | Penna

b. Suyder Co., dec.d. I Fenna he undersigned auditor appointed by **Re-**sphane Court of neder County to distribute funds in the hands of John it. I cover and t Hoover, executors of the last will are statent of Charles Hoover, late of Fenn twp... derto l'a deceased, and an



ed or boarded by Exposition visitors. That it will prove to be a great attraction goes without saying.

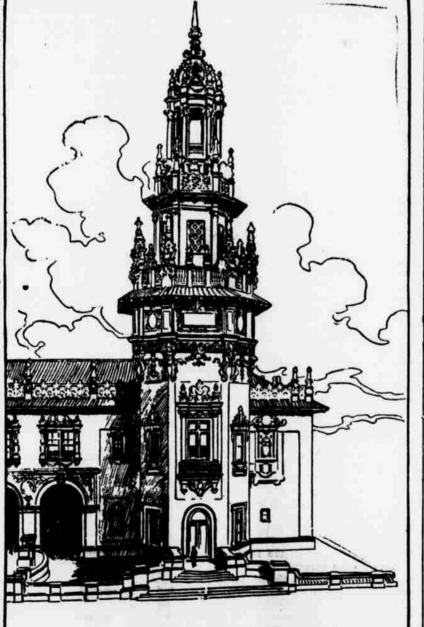
The intrepid Yankee globe circler is slender man, not above the medium height and is somewhat bald, but there is little gray in the fringe of surviving hair or in his full beard. He has blue eyes, which are frank and direct. He possesses a dry humor which is very amusing. That he is daring and plucky is attested by his long and solitary trip.

The boat in which Captain Slocum made his voyage is named the Spray. It was originally a fishing boat, supposed to be a century old, and when it came into Captain Slocum's possession was in process of decay. Unaided, he rebuilt it upon the original lines, and the splendid manner in which it behaved on the long tour is sufficient evidence that he builded well.

Captain Slocum sailed from Boston on April 24, 1895, and his voyage consumed 3 years and 2 months, coming to close during the Spanish-American war. In lieu of a chronometer he had an old tin clock, but he was rarely at fault in his longitude. The voyage was attended with many unusual incidents. The first occurred after the Spray had left her first port of call, the Azores. The Captain had eaten freely of plums and a native cheese, and they did not agree with him. He was attacked with stomachic cramps. He double reefed the mainsail and with a full jib put the sloop on her course, lashed the wheel and went below to the cabin, where he folled in agony on the floor. Becoming delirious, he imagined that a strange man came on board, announced himself as "one of Columbus' crew" and guided the craft. A blow came up, and the Spray ran like a deer. When the Captain regained his full senses and was able to go on deck, she was holding true to her course. She had made 90 miles during the night in the rough sea. The Spray went through the very dangerous Straits of Magellan, whose bores are strewn with wrecks and inhabited by pirates, without accident, ut after weeks consumed in the paste was driven by a furious gale outhward and thence eastward around ape Horn, necessitating a second pasare of the Straits.

Captain Slocum was received at very landing place with the most ordial hospitality, for his name was nown the world around among seaaring men, and the cabled news of s progress went before him. In Saa Mrs. Robert Louis Stavenson vis ed him. In Tasmania Lord Hampden a caller. At the Cape Sir Alfred her new him. A pass over the pe railways permitted the skipper the bottom.

By experimenting we find if we be demonstrated by the exhibit made smoke a cigar in the middle of a room at the Pan-American Exposition.



TOWER ON THE PLAZA-PAN-AMERICAN EXPOSITION.

the smoke goes first to the ceiling. where it spreads in every direction until it reaches the side walls, when it will descend.

This would indicate that we should admit fresh air at or near the center of the ceiling and draw the foul air from the different sides of the room near the base. There are two systems in use in our best stables. One direct

An Instructive Exhibit. On the street, in the stores, in dwellings, all about, there is evidence of the dvancement of that wonderful force, electricity. Is it any wonder that people in all walks of life, of all classes, want to know about it? This is why the electrical exhibits of the Pan-American Exposition are destined to inter-est and instruct so many.

An Agreeable Contrast.

"Are you fond of literature ?" asked the young woman.

"Very," answered Miss Cavenne, "When I read all the silly things people any and do in novels, it makes me ever so much more content with real life."-Washington Star.

Reason for Marriage.

Ciara-1 wonder how Mattie came to marry Fred Somerby? Bertha-The most natural reason in

the world. Fred had an overcoat that was a perfect match for Mattie's new gown.-Boston Transcript.

Agreeable Form of Philanthropy. Mrs. Brown-We are going to give a progressive eachre for the poor. I love to do something for the poor!

Mrs. Jones-So do I. I love to play progressive cuchre for them .- Brookan Life

Childish Ignorance.

She (proudly)-That is my daughter at the piano downstairs; she is only 15 years old!

He (annoyed)-Oh, well, perhaps the poor thing doesn't know any better .--Yonkers Statesmen.

Kept Well Supplied.

Mrs. A.-Do you read fiction? Mrs. B .- Oh, yes; my husband often sends me a note from the office telling me that he will be detained downtown by business all the evening .--- Philadelphia Bulletin.

Willing to Take a Back Seat. "We must all die some time," said the sympathizing friend.

"True," replied the invalid; "quite true; but I have noticed that there are some things in which none of us is seeking precedence."-Tit-Bits.

Perfect Breeding.

Mrs. Casey-Begorrah! thot Mrs. Grogan is a perfect lady. Mrs. Horan-She be thot. She kin talk an' talk an' niver say a word worth lishtening to .- Judge.

Encouraging.

Mrs. Nurvus-What do you think about my eye, doctor? Dr. Noitawl (replacing the bandage) -Oh, your eye will come out all right in a week or two!-Brooklyn Life.

Inherits the Hop. Miss Askit-What makes Mr. Maltz hop so funny when he dances? Miss Gabbeigh-It's hereditary. His father was a brewer.-Baltimore

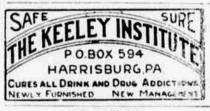
There Are Many Such. Mrs. Gabbleton (musingly) - After

all, one half of the world does not know how the other half lives. Mrs Flint (grimly)-Never mind! That is not your fault, dearl-Puck. be to be same, will need the part is rest a the other of Charles P. U rach like berough of 'elinsgrove, Pa, or e 'th day of May A D, 1901, at 0 4 persons having claims are record with them doily authenticated or ler f barred from coming in for share of our barred from coming in for share of our 1.01 I COBGILBERT, Guiler. rd.9, 1901,

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Reliable man for Manager of BranchOffice we wish to open fit. this vicinity. If your record is O. K. here is an opportunity. Kindly give good reference when writing-.n. A. T. Merris Wholesale House CNNATI, OHIO.

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The Great German Scientist,

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The above medicine is used in EV-ERY HOSPITAL and by all the LEADING PHYSICIANS in the world to day, and highly endorsed by all. Address. MONAWK REMEDY GO: April 18-24. **BONE, N** Y.



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American.