

# Boys and Girls

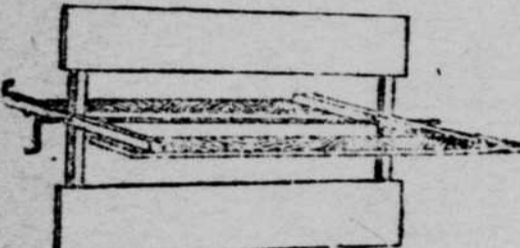
**High and Low.**  
All men are equal in their birth,  
Heirs of the earth and skies;  
All men are equal when that earth  
Fades from their dying eyes.

'Tis man alone who difference sees  
And speaks of high and low,  
And worships those, and tramples these  
While the same path they go.

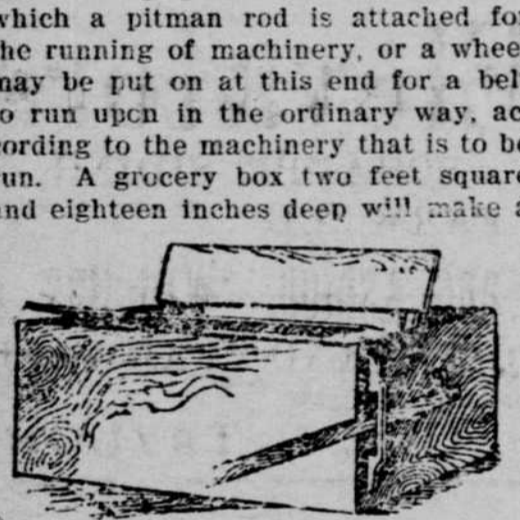
O let man hasten to restore  
To all their rights of love;  
In power and wealth exit no more  
In wisdom lowly move.  
—Harriet Martineau.

**Chinese Boy's Queue.**  
When the Chinese boy is old enough he grows a queue. This event in the Chinese boy's life does what the first pair of trousers does to the American boy—changes him from a baby to a boy. The queue has many uses. In some of the games played by the Chinese boys the queue is used in a variety of ways. In geometry it is used to strike an arc or draw a circle. The laborer spreads a towel over his head, wraps his queue around it and makes himself a hat. Cart drivers whip their mules and beggars scare away dogs with their queues. When a Chinese father takes his little son out for a walk he takes hold, not of the boy's hand, but his queue. Sometimes the child follows the father, and, lest he should get lost, the father gives him his queue to hold, and when his little boy wants to play horse his queue is always ready to be used for reins.

**Simole Box Windmill.**  
The two pictures shown are enough to enable any ingenious boy to make a fine windmill without any further explanations. The windmill is a small copy of one that is used in a great many places throughout the Western states. The big ones are immense affairs that give power enough to drive quite heavy machinery. The fans are placed in the box so the fan that is uppermost will just rise above the edge of the box as the frame revolves. The wind strikes only this blade,



**The Fans of the Mill.**  
which is forced over and down in the other side of the box, another blade always coming up to take its place, and so a constant revolution is secured. The shaft, or axle, on which the frame revolves passes out through the ends of the box, one end of the shaft being given a crank form to which a pitman rod is attached for the running of machinery, or a wheel may be put on at this end for a belt to run upon in the ordinary way, according to the machinery that is to be run. A grocery box two feet square and eighteen inches deep will make a



**The Windmill Complete.**  
good one, and a dry goods box about three by four feet in length and breadth will make a very powerful windmill which will run almost any small "real" machinery.

**Great Open Air Sunday School.**  
If you should be asked where the largest Sunday school in the world is could you give the answer?  
It is in England, on a high hill in the thickly populated town of Stockport. Think of a Sunday school with 5,000 pupils right now, and a record of over 100,000 pupils who have been thoroughly brought up in the Scriptures within its walls during the 100 years since its organization.

Over 6,000 enthusiastic teachers have given many years of their lives to the services of this Sunday school. What a glorious Sunday school it must be to call forth such enthusiasm from men and women and children!  
Why, it has a graduate, a man named Weathered, who now lives in New York, who goes back to Stockport every summer, rain or shine, to attend the annual anniversary celebration of the Sunday school. He is 81 years old now and still every summer he goes over to the old Sunday school, such is his love for it.  
Years ago, before Stockport had got day schools, reading and writing used to be taught as well as the Bible, but now, of course, reading does not have to be taught by the Sunday school. However, they still retain the custom of having their lessons written, because they find that the boys and girls learn much more thoroughly in that way.

**Who Likes Peanuts?**  
All boys and a good many of their sisters are fond of peanuts. Everybody knows that no circus is complete without them, but probably not many boys of girls know just how they grow. The peanut is supposed to be a native of Africa, where it forms the chief food of certain regions, but it is found, too, in South America and Europe, the species varying in the different countries. Here in the United States it is cultivated chiefly in Virginia, North Carolina and Tennessee. The seed planted is the meat or kernel, and care is taken not to break the skins. The plant grows like a vine, and the nuts hang on it like pea pods. A single vine will, it is estimated, produce about 100 nuts if it is of the average good condition. At this rate the yield per acre is forty bushels.  
Three varieties of these nuts are grown here—the white, the red and the Spanish. They are readily distinguished, as they have individual characteristics. The next time you eat a peanut with two kernels very white, with pink skins, you will know it is of the white variety. The shell

of the red nut sometimes holds three or four dark kernels, and its skin is of a decidedly dark red, so you cannot mistake that, while the Spanish nut is so much smaller, with a lighter skin than both of the others, that it will not be mistaken for either. Nearly 5,000,000 bushels of peanuts are used in this country every year.

**Guessing Match.**  
A guessing match about cats is entertaining. Write out the following list for each competitor without giving the answers, which are here printed in parentheses, and the ones guessing the largest number wins:  
A dangerous cat (Catastrophe).  
An aspiring cat (Catamount).  
A cat than can swim (Catfish).  
A cat that can fly (Catbird).  
A cat than will be a butterfly (Caterpillar).  
A library cat (Catalogue).  
A cat that asks questions (Catechism).  
A cat's near relation (Catkin).  
A cat that is good to eat (Catsup).  
A horned cat (Cattle).  
A cat that throws stones (Catapult).  
A tree cat (Catalpa).  
A water cat (Catact).  
A cat that favors the grapes (Catawba).  
A cat that covers acres of grounds (Cataclysm).  
A subterranean cat (Catacomb).  
A cat that, living, appears dead (Catalapsy).  
A cat prized as a gem (Cats-eye).  
A cat with a cold (Catach).  
A cat with a cold (Catach).

**Bachelor's Kitchen.**  
The children sit in a row, with the exception of one, who goes in succession to each child and asks him what he will give to the bachelor's kitchen.  
Each answers what he pleases, as a satepan, a mouse trap, etc.  
When all have replied, the questioner returns to the first child and puts all sorts of questions, which must be answered by the article which this player before gave to the kitchen, and by no other word.  
For instance, he asks, "What do you wear on your head?"  
"Mouse trap."  
The object is to make the answerer laugh, and he is asked a number of times, until he either laughs or is given up as a hard subject. The questioner then passes to the next child, and so on through the whole row.  
Those who laugh or add any other word in their answer must pay a forfeit, which is redeemed in the same way as in any other game.

**Novel Grab Bag.**  
On a narrow sheet hung up in a doorway, cut a hole large enough to allow a false face to be fitted in. Flaps of cloth are left for pasting inside the face. Cut two holes for arms to pass through. In these two sleeves of material, perfectly bright colored muslin, but in the form of an apron. The sides are then pasted or sewed to the sides of the sheet.  
When pasting in the false face, first cover the flaps left at the opening for the face with stiff paste. Then paste these flaps into the inside of the false face, bringing it close to the sheet. If

match sticks in opposite directions. If you do all these things properly the nut shell will be horizontal, or nearly so, and its sharp point will be driven into the candle by the tension of the stretched and twisted rubber band. Of course, you must use a perfect shell with an unbroken point.  
Now your little automatic extinguisher is perfectly balanced. The elastic band would make it fly up, turning on the hook as on a pivot, if it were not held in place by the point driven into the hard wax, or paraffin, or tallow. Now light the candle.  
As it burns down and the flame approaches the shell the wax which holds the point softens, and when the top of the candle is about level with the shell the wax has become too soft to hold it, and suddenly it flies over

**How the Candle is Prepared.**  
near the pointed end and near the edge, one on each side of the point. Thread the double or endless rubber band through these holes, and secure it by a bit of match stick slipped into the loop at each end on the outside of the shell. The rubber band must be just long enough to be adjusted in this way, with a little stretching.  
Now insert the hooked loop of the hairpin under this tight elastic band inside of the nut shell, slip the whole apparatus down the candle until the point of the shell is an inch or two below the wick, and twist the rubber band, to tighten it, by turning the

small openings are left, or the sheet puckers, never mind, cover the defects by sewing on a fringe of thin white material around the face and for the collar.  
Leave an opening or pocket hole through the sheet, so the hand can be slipped in for packages placed within reach, back of the curtain. Some one should be seated behind this curtain and slip her arms into the sleeves, then she can see to whom she is talking. In one hand she holds the package and in the other she receives the money. Print on the sheet these words:  
"Five cents for what is in my pocket."

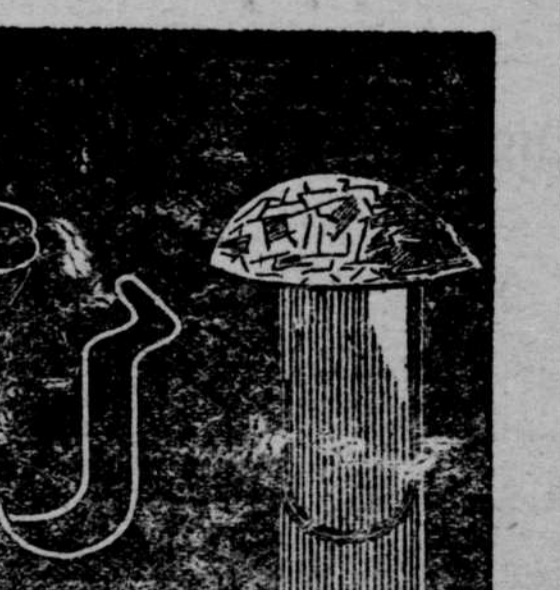
**Bucket Race on Skates.**  
Here is a new pastime for the days when it is cold enough to call your skates out.  
An old broom and a bucket are necessary for each player. The buckets should be filled to the brim with water and set in front of their respective owners.  
The object is to push the filled buckets of water a given distance across the ice, and the player who succeeds in traversing the distance in the quickest time wins, providing he retains more water in his bucket than the others. But if he spills more than does the boy who comes in second, then the order of finishing is reversed and the second boy in point of speed wins. A rule can be used to measure



**Bucket Race.**  
the amount of water remaining in the bucket.  
If you are giving a skating party and wish to introduce some novelties, you will find the bucket race will make a hit as one of them, as well as affording the slower and more careful skaters a chance to "even up" on their speedier and more careless friends.

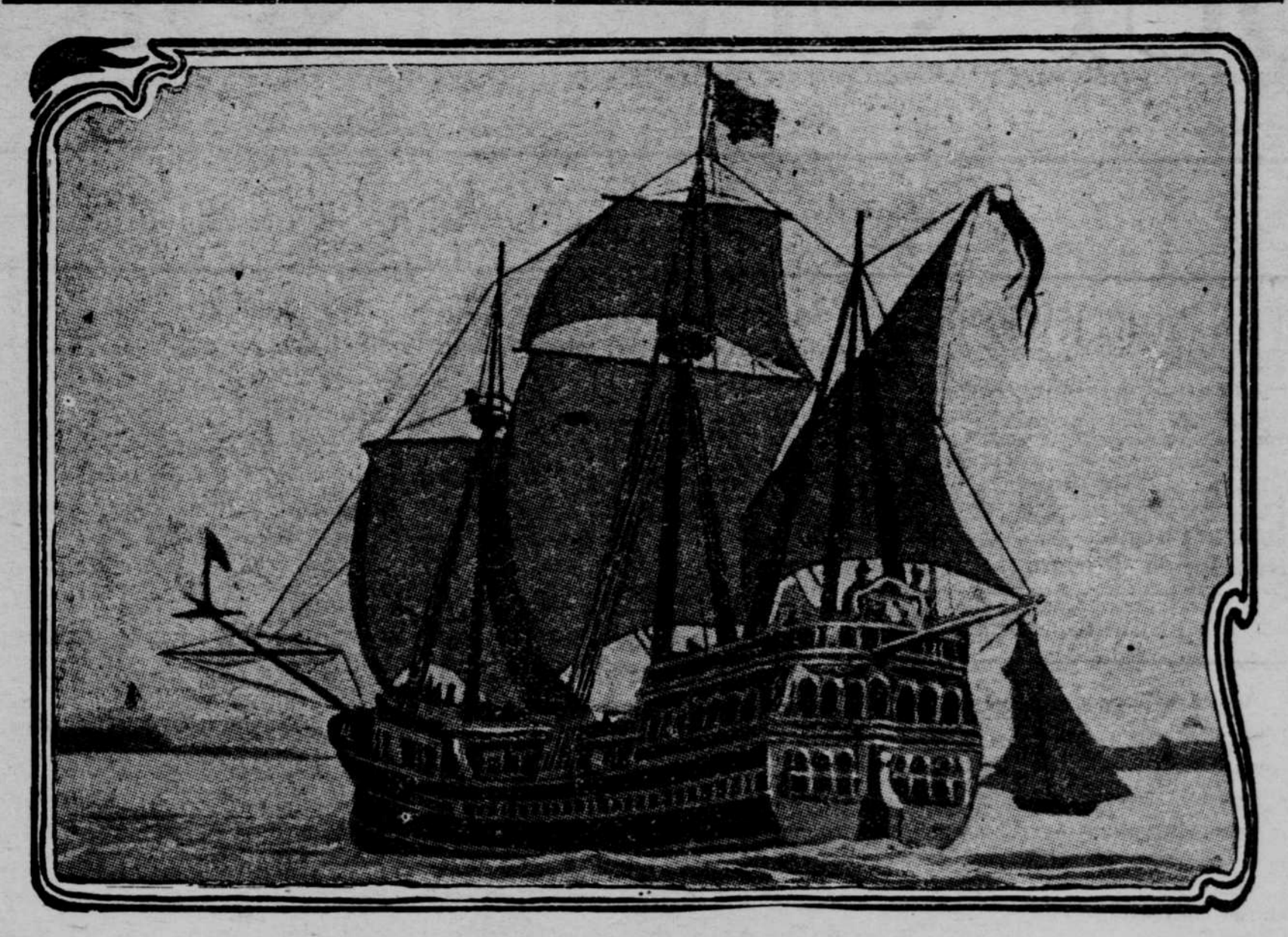
**Illustrating Atmospheric Pressure.**  
Fill a cork float full of water. Let a piece of plate float in the water and on it place a burning piece of paper. Cover the flame with a glass turned upside down. The water will rise in the glass, the reason being that the burning of the paper consumes a part of the oxygen in the air, thus diminishing its volume. The pressure of the outside atmosphere forces the water into the glass to fill up the vacuum. This experiment should be conducted with great care and always in presence of an older person in case of accident by fire.

**NUTSHELL CANDLE CAP.**  
Here is an amusing little trick for which you need only a candle, a hairpin, a small rubber band, half a walnut shell and about half a match stick.  
Bend the hairpin—a large and strong one—into the shape shown in the left-hand picture and the white line diagram. That is to say, bend about half an inch of the loop end down at a right angle, and then bend the tip of this up again to form a hook, and bend the ends of the hairpin twice at right angles, spread the bent parts and pinch the tips together so that when the hairpin is put on the candle, as in the picture, it will hold on tightly.  
Bore with a pointed file or a red-hot wire or a very small gimlet two little holes through the walnut shell,



**How the Candle is Prepared.**  
and is clapped down on top of the wick, extinguishing the flame as shown in the right-hand picture.  
You see what a simple and practical little device this is. It will require a little patience to get it to work just right, for the size of the hairpin, the way it is bent, the size of the shell and the tension of the band have to suit each other.  
You can put the extinguisher as far below the wick as you choose. The lower you place it the longer the candle will burn before being so unceremoniously snuffed out by itself, so to speak.

## Sea Hotel in the Form of a Spanish Galleon



The Cabrillo, as She Will Appear When Completed.

An ocean hotel, built in the style of the Spanish galleons of the fifteenth century, is one of the latest additions planned for the City of Venice, a new resort that has been opened on the California coast, and both in appearance and intention it will be unique. The high, square, stern and bulging bow, the tapering masts with their quaint and clumsy sails, the decks and outward appointments all will be faithful reproductions of the ships that first crossed the Atlantic and discovered America. Inside the vessel will be fitted up with all the luxurious appointments of a modern Atlantic liner.  
She is to be called the Cabrillo, in honor of the discoverer of the Pacific, and it will be a strange case of the

Old World come back to revisit the new when she lies out in the bay under full sail. She is 182 feet long, with a beam of fifty feet, and on her construction alone \$50,000 is being spent. The furnishing and interior equipments will bring the total cost up to three times that sum. She will not be called upon to make any venturesome voyages, however, for she is to rest on piles, 300 feet from the shore. To board her, visitors will walk along the wide pleasure pier that already has been built, and from it a wide gangway with handrails on both sides will lead to her main deck. This will be given up to a large and handsomely furnished saloon, a spacious dining room and suites of apartments provided with every convenience that can be found in a hotel on

shore. Here also will be the kitchen—a chef's home far different from the galley that any old Spanish ship knew. A grand staircase will lead down to the lower decks, where a large number of bedrooms, arranged like cabins, will be provided. There will be more cabins on the upper deck, and an attractive drawing room for ladies, while promenades will be laid out on the foredeck, the deck house and the poop deck. Provision will be made for dancing and pleasure parties and for concerts and theatrical entertainments.  
To keep up the illusion of old Spain among it all the manager of the Cabrillo, with all his assistants, cabin boys and waiters, will be dressed in full Spanish uniform, glittering with gilt and epaulets.

### OLD MEN OF FAMOUS NAME.

**Authors Who Were Productive After Three Score and Ten.**  
The tall, handsome, myriad-minded Goethe wrought at his tasks till he was nearly 83 years old. He produced his first part of his masterpiece, "Faust," at 57, says the Saturday Evening Post, the second part when 80 years old and wrote some of his most beautiful poems at 75. Six of our foremost American poets—and all but one in quantity as well as in quality of verse—Bryant, Whittier, Longfellow, Lowell, Holmes and Emerson—lived to ages varying from 75 to 85, and were productive to the last. Dr. Holmes wrote in his eight-fifty-fifth year that "time does not threaten the old man so often with the scythe as with the sandbag," yet he wrote brilliant verse for special occasions almost to the end.

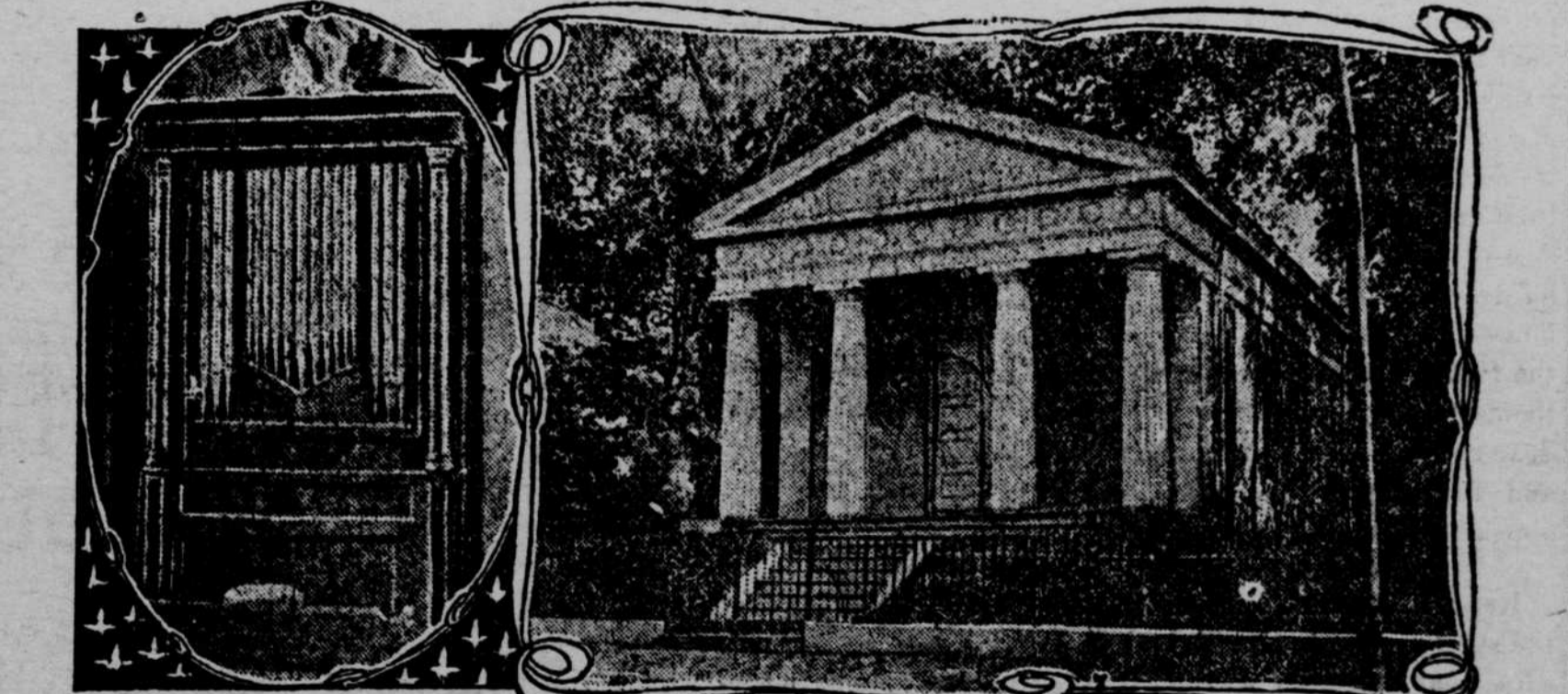
Theodore Mommsen, the historian, a man of almost insignificant stature and emaciated frame, manifested in his eighty-sixth and last year the energy of a man in middle life.  
The earl of Dundonald, though he was always in hot water and his whole life was a series of quarrels—though

### WHY HE DOESN'T REFORM.

he performed some of the most daredevil feats recorded in the history of naval warfare, winning many brilliant victories against enormous odds—lived to 85 and wrote his history of the liberation of Peru, Chile and Brazil and "The Autobiography of a Seaman," two most vigorous, lucid and dashing works, under the stress of intense physical pain, in the last three years of his life.  
Sir Charles James Napier, the hero of Scinde, was 60 before he held any great command. He fought and won great battles, governed successfully great provinces and achieved a great name long after that period of life had passed when, according to an antique morality not quite exploded, it behooves a man to lay aside the things of the present life and to prepare his soul for the next.

**Kaffirs Object to Chinese.**  
A sidelight on Chinese immigration or importation into South Africa is cast by the following remark in the South African Press-Bulletin: "Quarrels and fights with drawn knives between Kaffirs and Chinese are of almost daily occurrence in Market square, Johannesburg."

## FIRST ORGAN SET UP IN THIS COUNTRY



Brattle Organ, Oldest in America. St. John's Episcopal Church, Portsmouth, N. H.

The first organ brought to America is at Portsmouth in the Episcopal chapel, on State street.  
It is the old Brattle organ, so-called, made by John Preston of York, England, in 1709 or 1710, and first set up in the house of Thomas Brattle, Cambridge, Mass., he having imported it.  
At the time of importation great

### COULD AFFORD TO WRITE.

prejudice existed against the use of musical instruments in religious services. Nevertheless, the organ was later installed in King's chapel, Boston, and there was used until 1756.  
It was then sold to St. Paul's church of Newburyport.  
Rev. Dr. Burroughs bought the organ for \$450 in 1836, and placed it talking in a fatherly manner. "You should go back to New Orleans," he suggested.  
"But, why?" asked the young man.  
"I want to write stories, and some day I shall write one that you will want."  
"But you can write them just as well at home and submit them by mail. By living at home it will cost you less to live."  
"Thunder!" exclaimed the young man. "What do I care what it costs me to live? I have an income of \$10,000 a year from my grandfather's estate."—Chicago Record-Herald.

Small Japanese Farms.  
Only 14,995,272 acres, or 15.7 per cent, of the whole area of Japan, exclusive of Formosa, consists of arable land, and 55 per cent of the agricultural families cultivate less than two acres each; 30 per cent cultivate two acres or more up to one and one-half cho, or a little less than three and three-quarter acres, leaving 15 per cent of the farmers who cultivate farms of three and three-quarter acres or more.—London Engineer.

### A Joyous "Send-Off."

Throwing rice and old shoes at a newly married pair and tying their trunks with white ribbon was quite outdone by friends of a couple married uptown a few evenings ago, says the Philadelphia Press. In their drive to the Broad street station they were preceded all the way by a farm wagon on which three hilarious couples blew horns. A cow bell tied to a string dangled from the back and dragged along the solid asphalt paving making a hideous noise, and fastened to both sides of the wagon were signs with six-inch letters which read:  
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in the chapel at Portsmouth, where it still remains.  
In December, 1901, it was taken apart and sent to Boston to be exhibited at the historical musical instrument show, which opened Jan. 11, 1902, in Horticultural hall. Before it was returned it was put in thorough repair.

### Fighting the Hereros.

Very discouraging accounts are reaching Berlin of the difficulties encountered by the troops operating against the Hereros. There is no forage for the horses, food for the men is very scarce and the ravages of typhoid fever continue.

**Lights on Brooklyn Bridge.**  
There are three lights on the Brooklyn bridge which are never seen by those who have occasion to use the bridge at night, but those three lights mean much to the masters of sailing vessels whose masts approach or exceed the 135 feet between the center of the span and the water. One of the three is directly in the center of the span and marks the highest point, the other two are at each side of the center light, about 10 feet from the towers, and mark the danger limit.

**Lord Rosebery's "Good Story."**  
In a recent English biography appears an anecdote told in the characteristic English manner. The writer remarks: "Lord Rosebery told a very good story (for he is always amusing) about a gentleman who was traveling in the southern United States. The visitor was being shaved by a negro barber and noticed the extreme bluntness of the razor.  
"Yes, sir," said the barber, "it is very blunt, sir; I was out last night with the boys."  
Newspaper Circulation.  
A statistician has learned that the annual aggregation of the circulation of the papers of the world is estimated to be 12,000,000,000 copies. To grasp the idea of this magnitude we may state that it would cover no fewer than 10,450 square miles of surface; that it is printed on 781,250 tons of paper; and, further, that if the number (12,000,000,000) represented, instead of copies, seconds, .. would take more than 333 years for them to elapse.

**Found at Last.**  
Hensley, Ark., Dec. 26th.—(Special)—"That a sure cure for Backache would be a priceless boon to the people, and especially the women of America, is admitted by all interested in medical matters, and Mrs. Sue Williams of this place is certain she has found in Dodd's Kidney Pills the long-looked for cure.  
"I am 38 years old," Mrs. Williams says, "and I have suffered with the Backache very much for three or four years. I have been treated by good physicians and got no relief, but thanks to God, I have found a cure at last and it is Dodd's Kidney Pills. I have taken only one box and it has done me more good than all the doctors in three or four years! I want all sufferers from Backache to know that they can get Dodd's Kidney Pills and get well."  
Backache is one of the first symptoms of Kidney Disease. Guard against Bright's Disease or Rheumatism by curing it with Dodd's Kidney Pills.

**To Train Servants.**  
Hamburg is to have a school for training servants. It is not intended to compete with existing schools which provide training in domestic science for girls of well-to-do families.  
Every housekeeper should know that if they will buy Defiance Cold Water Starch for laundry use they will save not only time, because it never sticks to the iron, but because each package contains 16 oz.—one full pound—while all other Cold Water Starches are put up in 3/4-pound packages, and the price is the same, 10 cents. Then again because Defiance Starch is free from all injurious chemicals. If your grocer tries to sell you a 12-oz. package it is because he has a stock on hand which he wishes to dispose of before he puts in Defiance. He knows that Defiance Starch has printed on every package in large letters and figures "16 ozs." Demand Defiance and save much time and money and the annoyance of the iron sticking. Defiance never sticks.

**Purity of the Mind.**  
You can no more filter your mind into purity than you can compress it into calmsness; you must keep it pure if you have it pure, and throw no stones into it if you would have it quiet.—Ruskin.  
**\$100 Reward, \$100.**  
The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting on the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so treated thousands of sufferers, and they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials.  
Address: F. J. CLEMENT & CO., Toledo, O.  
Sold by all Druggists, 75c.  
Take Hall's Family Pills for constipation.

**A Rare Good Thing.**  
"Am using ALLEN'S FOOT-EASE, and can truly say I would not have been without it so long, had I known the relief it would give my aching feet. I think it a rare good thing for anyone having sore or tired feet.—Mrs. Matilda Holtzert, Providence, R. I." Sold by all Druggists, 25c. Ask to-day.  
Statesmen who "also ran" are naturally slow to predict a bright future for their country.  
**A GUARANTEED CURE FOR PILES.**  
Telling, Blind, Bleeding or Itching Piles. Your Druggist will refund money if PAIN OINTMENT fails to cure you in 6 to 14 days. 50c.

**The quickest way to beat a woman in an argument is to listen and say nothing.**  
Piso's Cure cannot be too highly spoken of as a cough cure.—J. W. O'BRIEN, 222 Third Ave., N. Minneapolis, Minn., Jan. 6, 1900.  
It is a good deal easier to stir up a hornet's nest than it is to find the right place to crawl into.  
If you don't get the biggest and best it's your own fault. Defiance Starch is for sale everywhere and there is positively nothing to equal it in quality or quantity.  
A girl never looks older than she is, except when she has her hair done up in papers.  
After a girl has refused him twelve times a superstitious youth will quit proposing.  
The man with a big sign of sainthood usually has something to hide behind it.  
The gloomy church is likely to be filled with tombstone saints.