MODERN WARSHIPS

And the Brave Old Wooden Fighters of a Century Ago.

THEIR BIG GUNS COMPARED.

The Old Constitution's Twenty-fou Pounders Were Great Cannon, but a Modern Monster Gun Could Fire One of Them Bodily Ten Miles.

The frigate Constitution, fighter of thirty-nine battles and winner of every one of them, today offers the student an exceptional opportunity to compare the naval fighting machine of a hundred years ago with the superdreadnaught of the hour. Peacefully floating at a wharf in the Charlestown (Mass.) navy yard, "Old Ironsides" speaks volumes to the thoughtful visitor who has perhaps just a few min

tior who has perhaps just a few min-utes before stepped down the gangway of a modern ship.

Aside from the vastly different meth-ods of placing the guns, perhaps the most striking contrast between the na most striking contrast between the na val architecture of a century ago and that of today is seen in the actual structure of the hull and superstructures. The warship of today has not a piece of wood visble, with the possible exception of the deck, which is wood over a steel foundation. Stripped for action, the modern fighting craft presents a positively naked appearance with every movable object cast overboard or stowed away. ard or stowed away.

board or stowed away.

The Constitution, on the other hand, presents a bewildering array of rigging and spars, and she is wholly constructed of wood. A single modern shell exploding under her or on her deck would do as much damage probably as an entire broadside from a ship similar to the Guerriere. This vast change in the design is of course, due in large measure to the introduction of steam as a means of propulsion. Folsteam as a means of propulsion. Fol-lowing this the all steel hull was intro-

duced.

The gun deck of the Constitution stirs the imagination perhaps still more than does the spar deck. Topped by a low ceiling, which makes one want to stoop as he walks, this deck savors of a prison dungeon. Glaneing at the row of long twenty-four pounders, thirty in number, one can readily picture the smoke filled atmosphere, the terrible din, the sweating, half naked figures straining to reload the clumay pieces of ordnance and ever and anon a shot crashing through the futile wooden wall, sending splitters in all directions.

turrets of the Rhode Island to this old time chamber of horrors, the visitor cannot fail to wonder how in her famous engagement the Constitution suffered a loss of but seven killed and seven wounded out of a crew of 456 officers and men. Perhaps the answer is found in the inaccuracy of the gunsand poor marksmanship of the gunners. More likely, however, it is due to the fact that the explosive shell had not then been invented. Aside from the splinters, a twenty-four pound shot through the hull stood little chance of doing really great damage unless it struck a mast, a gunner or the gun carriange itself.

guns of the Constitution's day The runs of the Constitution's day had an effective range of possibly a mile, although history tells us that the real execution was done at ranges of from one to three hundred yards. Think of the engagements of modern warships, wherein naval duels are fought at ten miles' range and where the opposing ships are actually out of warships, wherein naval duels are fought at ten miles' range and where the opposing ships are actually out of sight from the gun deck and barely visible from the fighting tops! Think dr guns aimed with the aid of mathematics! What marvelous strides science has made in times of peace and in the short space of a hundred years!

As an interesting comparison of the guns of today with those of 1812 we may call attention to the fact that, while the total broadside discharge of the Constitution's battery would amount to 684 ounds of metal, a single projectile from one of our coast defense moriars weighs half a ton.

Even more striking is the fact that the projectile from a modern four-teen inch piece of ordnance such as that carried by the superdreadnaughts weighs practically as much as one of the big guns of the Constitution. In other words instead of hunters

that carried by the superdreadnaughts weighs practically as much as one of the big guns of the Constitution. In other words, instead of hurling a small ball of iron at its enemy the modern fighter of the seas could actually throw one of the Constitution's cannons itself at the opponent were the cannon of suitable shape and form.

And, furthermore, the explosive charge in the projectile would be greater by far in power than the entire charge used to fire the old cannon. This means that the modern engine of destruction actually takes a mass of steel equal in weight to the old gun loaded with high explosive and lands this entire mass on the deck or inside the hull of the enemy's ship, where it explodes.—Thomas Stanley Curtis in Popular Science Monthly.

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A Huge Dinner Can.
"What's that?" asked the visitor, in-

dicating a gasometer.
"Dinna ken," replied the Scot.
"Some can, too," was the astonished rejoinder. "You must have communal dinners in this town."—Youth's Com-

Within the Limit.
Bilton—Aren't you spending too

much?
Mrs. Bilton—No, dear; you don't
make enough for me to do that.—Life.

Folly is the one thing that all percan conceal.

TURKISH "JUSTICE."

Curious Case of a Man Who Was Guil-Dr. Clarke, a famous traveler of about a century ago, tells of the fol-

lowing remarkable case, which was tried at the Greek island of Cos: A young man desperately in love with a girl of Stanchio eagerly sought to mar ry her, but his proposals were rejected. In consequence of his disappointment he bought some poison and destroyed himself. The Turkish police instantly arrested the father of the young woman as the cause, by implication, of the man's death. Under the fifth spe-

the man's death. Under the fifth spe-cies of homicide he became, therefore, amenable for this act of suicide. When the case came before the mag-istrate it was urged literally by the accusers that "if he (the accused) had not had a daughter the deceased would not have fallen in love; consequently he would not have been disappointed; consequently he would not have swal-lowed poison: consequently he would lowed poison; consequently he would not have died. But he (the accused) had a daughter, and the deceased had fallen in love, and had been disap-pointed, and had swallowed poison, and had died."

Upon all these accounts he was called upon to pay the price of the young man's life, and this, being fixed at the sum of 80 plasters, was accordingly

Another instance was related to Dr. Clarke, which occurred at the island of Samos, as a characteristic feature of Turkish justice—that is to say, a suphistical application of a principle rigidly founded upon this fifth species of "homicide by implication." The Capudan Pasha reasoned with the people of Samos on the propriety of their paying for a Turkish frigate which was wrecked upon their territory and the crew lost "because the accident would not have happened unless their island had been in the way."—Case and Comment Another instance was related to Dr.

FOUR TYPES OF MEN.

French Method of Picking Soldiers For

French Method of Picking Soldiers For Special Lines of Work.

"A good Judge of human nature is born and not made," declared Dr. G. Stanley Hall, president of Clark university. "Baseball scouts are not able to tell how they pick men; neither can any employer tell how he picks his men."

Dr. Hall described the French system or, that described the French system of dividing men into four general types and selecting them for particular positions in the army accordingly. He said:
"First. — The digestive type. It is characteristic of the heavy jaw, broad

abdominal region. Such men require more food, need it regularly, must be well fed. Such men are best on the de-tensive. They are hard to dislodge from the trenches.
"Second.—The respiratory type. No

are selected for work on high mountains. They are good in the charge, in making an attack. Such men exclusively are selected for the aviation corps.

"Third.—The muscular type. Head is square, limbs long and strong, body short. This type is good for the bayonet charge in the artillery service.

"Fourth.—The nervous type. Large nead tapers down to a sharp jaw. Such men have power to draw upon their reserves. They can get their second wind. The really great are men of this type. Along with this type is closely associated a willingness to sacrifice self for the good of others.

"Children and animals are guided by the desire to gain pleasure and avoid

"Children and animals are guided by the desire to gain pleasure and avoid pain. As they grow older they should learn to bear present pain for future pleasure."—Pittsburgh Gazette-Times.

Hard to Hear Airplans at Sea. While it is widely known that an airplane can be heard for some distance off on land, on water the lapping of the waves and the whistling of the wind through the rigging and superstructure of a vessel make it almost impossible to hear the power plant of an approach. of a vessel make it almost impossible to hear the power plant of an approaching seaplane until it is almost ovehead; hence the submarine plying the surface has slight warning of an impending seaplane attack until it is often too late to escape.—Scientific American.

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Heart and Lungs.

The action of the heart, lungs and digestive system is involuntary, for the reason that it is indispensable to life and must be carried on under all circumstances. If a man had to think of his heart or had to remember that he must breathe or that his food must digest he would have no time to do any thing else, and if by chance he should forget to keep his heart going or his lungs in operation he would fall dead on the spot.

The Most Accurate Frontier.

As an instance of the jealousy existical at the prelations between 8 norway and 10 concerns of the prelations between 8 norway and 10 concerns and hug and then profit of the prelations between 8 norway and the conomical methods of making potato starch; who will but the waste yeast to surch it into a fatenning cattle food in a way that I will exhalf it is often too late to escape.—Scientific American.

Health Department in conjunction with our educators to safeguard the health of our children.

This work to increase safeguards over the health of our children is only in its infancy. Until it is full grown we must appeal to the parents and guardiane of the children and would sacrifice our lives sand Plzarros whom I am ready to arise to save theirs, yet we do not make to paper making?

"I must stop here simply to catch my breath and not because I could not recte hundreds of business opportunities, hundreds of processes that I am ready to disclose to any American citizen, whether he be a manufacturer or a farmer.

As an instance of the jealousy existing the processes that I am ready to disclose to any American citizen, whether he be a manufacturer or a farmer.

"And Americans, supposed to be the east of paper making potation of the children and would sacrifice our lives to save theirs, y

The Most Accurate Frontier.

As an instance of the jealousy existing in the relations between Norway and Sweden it may be noted that the boundary line between the two countries is the most minutely exact in Europe. In every parish touched by the line there is deposited an elaborate plan which is renewed every ten years, the whole of the work of surveying, etc., being carefully repeated each time.

"What is the name of this street?"
"This is Broadway," replied the proud citizen of Dubbsville.
"Ah! Named in honor of the famous thoroughfare, I presume?"
"Why, sir, this is the famous thoroughfare!"—Birmingham Age-Herald.

Save Their Breath.

Alice—I wouldn't marry a lawyer.
He would always be arguing with me.
Marie—Nonsense! Lawyers don't argue unless there's a fee in sight.—Boston Transcript.

BURIED TREASURES

Had For the Mere Asking.

UNCLE SAM THE CUSTODIAN.

He Is Not Only Willing but Anxious to Give You This Information.

"Scattered through my reports on agriculture," says Uncle Sam, "are be swallowed and he will perform hundreds of ideas for making money. each and every one of his difficult and early of men who have spent and dangerous serial evolutions behave sums in fitting out expeditions to fore he returns to earth.

Thompson declares he will not I have heard of men who have spent huge sums in fitting out expeditions to recover covered or sunken treasure. If they would only dig up the treasures that lie buried in the millions and millions of pages that I have written on soil improvement, on utilizing waste woods and stumpage, on growing new, valuable fruits that even Burbank never dreamed of, on preventing canned vegetables from spoiling and on converting anything that grows into a salable product!

grower?
"Man alive, I could string the list of

"Man alive, I could string the list of chances out until you would be weary of reading it.

"Four years ago I began an investigation to determine if there were not some way of making pure apple cider that would endure transportation without the use of preservatives. I found that if the cider is frozen, crushed and whirled in a centrifugal machine it can be concentrated for less than 20 cents a gallon and that the finished product can be transported to market without the use of preservatives. One plant has been erected to make use of this success. Why are there not more such plants?

plant has been erected to make use or this success. Why are there not more such plants?
"I have chemically studied eggs which are unfit to eat, and I am con-vinced that denatured egg yolk can be used in tanning without injuring leath-er. Why am I not overwhelmed with an avalanche of letters from tanners imploring me to tell them about my re-sults?

sults?
"Two years ago I began an investigation of enameled cooking utensils in the bureau of chemistry. I have cooked all kinds of foods in enameled ware to discover what kind of enamel is least affected by the food and what kind is therefore the safest to use. The way, who first conscientiously carries man who first conscientiously carries out in actual practice the scientific pro-cedure that I have evolved ought to die rich. Who is he?

rich. Who is he?

"I wonder who will be the first to take advantage of an investigation that I am now conducting to determine why wagon and haystack covers mildew; who will learn from me how a bookbinders' leather can be made that will not deteriorate; who will introduce my economical methods of making potato trackly who will buy the waste yeast.

"And Americans, supposed to be the most agile minded, the most astute people in the world, say they haven't a chance!"—Waldemar Kaempffert in Mc-Clure's Magazine.

City of Originators.

Newark, N. J., claims to be the city of originators. Its list of inventions includes patent leather, malleable iron, the electric dynamo, celluloid, brushes imbedded in rubber and the one piece collar button. The mother of pearl button, now a universal institution. was perfected in Newark.-Exchange.

Ready For It.
"There's a girl who is always anxious to take my part."
"A devoted friend, eh?"
"My understudy," explained the star simply.—Louisville Courier-Journal.

Doubt of all kinds can be removed by thing but action.

THE BIRD MAN

Meyersdale, Pa., September 21— De Lloyd Thompson, admittedly the world's greatest aviator, has announced that he will loop-the-loop, Valuable Prizes That May Be fly upside and down and perform the "death dive" at the Meyersdale Fair Friday afternoon, September 21. "De Lloyd Thompson Day," in the face of the worst kind of weather

"Rain, shine or cyclone" is the slo-He Can Tell You Many Methods by Which Big Money May Be Made, and his frail and fleet biplane then he mounts the clouds to flirt with eternity, and he says that the bitterest pill the weather man can mix up will

vegetables from spolling and on converting anything that grows into a salable product!

"If the farmers would only realize that if all the knowledge that I have gained and that I am ready to impart free of charse were to be applied by the farms of the country the value of their crops would be increased \$10,000.000 for each growing day in the year.

"A fortune can be made in this country by growing such medicinal plants as belladonna. Japanese mint (from which menthol is obtained), digitalis (prescribed by physicans for heart trouble) and a hundred others. I am experimenting with drug plants in Virginia, in Maryland and in the upper Mississippi valley, so that I know just what the cost of production and marketing should be. Why doesn't some one write to me about this?

"Most of our red pepper and paprika is imported. In a country with such a varied soil and climate as ours why can't we raise our own red pepper? I asked myself that question some years ago. Now, I can indicate very clearly how paprika can be successfully grown here. Why not take the trouble to

ago. Now. I can indicate very clearly how paprika can be successfully grown here. Why not take the trouble to read my Department Bulletin No. 43 on the subject and find out whether it would not pay you to become a paprika caught up and flung him and air-plane about at will. The dauntless birdman, however, instead of coming to the earth and safety, turned his machine over on its back and flew upside down against it. When he upside down against it. When he twisted the machine on its belly, he was less than 100 feet above the

ground.

Because of Thompson's a ment that he would fight the good fight in the illimitable blue in brand of weather, the Meyersdale Fair management declares that the program of "De Lloyd Thompson Day" will not be postponed if there Day" will not be postponed if there is a possible chance, of the horses performing their bit in the races that day, and the officials advise one and all not to permit a storm-cast sky to erevent them from turning out.

WATCH YOUR CHILDREN By Samuel G. Dixon, M. D.

ool days are here. For weeks our children have been scattered in their respective homes and in many cases living in the open air. Now the days are here when they begin to congregate together at the school uses and often under bad sanitary conditions.

This is the season that weighs neavily upon the concientious Health Officer. Experience has taught him infallibly that the congregating of the sick and the well will again cause the annual increase of children's dis eases. Increased deaths will occur in spite of all that can be done by the

rush to other duties that the day has brought with it. Instead, the first duty is to tarry with the child suf-ficiently long to determine whether or not it seems well. Without letting the child appreciate that there is a suspicion of its being sick, get to see the tongue, notice how it swallows, look for any spots or rash on the skin, for congested eyes, for a hot skin, for want of usual good cheer.

If the child shows any indications of sickness it should not be permitted to associate with the other children in the house, and under no circumstances should it be permitted to go to school. Its life is first, edu-

NAPOLEON'S MISTAKE

It was while Napoleon was fighting the English, that Fulton the inventor of the Steamboat, sought an interview with him for the purpose of interesting him in the project.

Napoleon wouldn't even see him.

It is now generally conceded that the steamboat would have enabled Napoleon to baffle the winds and tides of the English Channel, land an army in England, and defeat the English.

Perhaps you think a course in our school would be of no benefit to you.

But are you sure? Wouldn't it be worth while to find out?

Come in and talk it over with Mr. Catherman, or send for our catalog. No obligations.

CATHERMAN'S **BUSINESS SCHOOL**

Day School Opens Sept. 4 Night School Opens Sept. 1

Department of Education BALTIMORE CITY COLLEGE
To Whom It May Concern:

To Whom It May Concern:

I have know Mr. Charles S. Catherman for the past nine or ten years both as a teacher and as a superintendent engaged in commercial education.

Mr. Catherman is a gentleman of attractive personality, who, as a teacher commands the highest respect and regard of his pupils, not only of absolute fairness, but also because they as impressed with his practical as well as theoretical, knowledge of business subjects.

practical as well as theoretical, knowledge of subjects.

As a superintendent, Mr. Catherman enjoys the distinction of having developed what is considered by business mea, the most efficient business college in the try of Baltimore. My own experience, together with that of many others known to me, is that he could always be depended upon to measure up in every way to whatever he promised a student or prospective appli. The success in business of the great majority of his students attests the high degree of efficiency obtained by the school under his direction.

Very respectfully.

JOHN ANBEL KRATZ.

Head of Department of Commerce.

Catherman's Business School

GOSSIP **GLENCOE**

Mrs. W. H. Bittner prepared sumptuous fare on Sunday in honor of her husband's birthday. The invited relatives in attendance were: Mrs. W. H. Hensel and her daughters, Mrs. Little and Mrs. Pile of Friedens, Mrs. C. W. Bittner of Meyersdale, and the H. M. Bittner family of Glencoe.

G. K. Walker, wife and son, Chas., of Greensburg, are spending the week with I. D. Leydig.

H. D. Altfather visited friends in Berlin over Sunday for the first time in seven years.

The Civic Meeting on Saturday night was fairly well attended. Our farmers are not falling in line with this highly instructive work as is their solemn duty.

Lynch Currin returned to his home in Baltimore on Thursday after spending the summer with his sister, Mrs. H. W. Beachy.

Alice Webreck spent the week-end with the Wilmoth family at Meyersdale. Perhaps she is prospecting on prizes at the Meyersdale Fair and

Henry Martz, of Connellsville, motored here on Friday in his "Oakland Six" accompanied by Mesdames Mason, Simon Martz and Ivy Mason.

Mrs. W. T. Mercier and son, of Johnstown, were guests at the J. T. Shipley residence, Meyersdale, a few days of last week.

Elizabeth Leydig may be forced to change the B. & O. schedule soon. Why should she tire her head by wearing her hat from 6.10 a m to 9:30 a m?

Mrs. Geo. Ackerman is spending the week with her mother-in-law canning and preserving for house keeping days.

Verna and Elizabeth Poorbaugh left for Hyndman on Saturday at the return of their sister, Ruby, who had been a guest of Mrs. Keidle there.

kept away from other children, as has been suggested, and unless the condition clears up in a very short time medical aid should be called in.
A stitch in time saves nine. Such an epidemic of measles, scarlet fever, while it does not do to be pessimistic, it is better to consider any sign of illness the possible forerunner of some one of the diseases that children are so susceptible to.

For the child's sake it should be dispatched by the community of the community of the community. The community of the co diphtheria or other communicable

PROFESSIONAL CARDS.

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W. CURTIS TRUXAL ATTORNEY-AT-LAW SOMERSET, PA.

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WANTED-Old papers, magazinen, rupbers and shoe J. D. DOMER,

Renew the Joy of Living

Don't let ill health any longer rob you of life's pleasures. Get back your appetite, strengthen your digestion, stimulate your liver, regulate your bowels and improve your blood by taking

Their action is prompt and thorough, and you soon feel their benefits. You will eat more, work better, sleep sounder, and feel new strength after a short course of these dependable pills. They restore healthy conditions, and soon

Bring Health and Energy Largest Sale of Any Medicine in the World. Sold Everywhere. In bexes, 10c., 25c.

His Company.

Her Father—I judge a man, sir, by the company he keeps.

The Suitor—Then I'm all right, for I've been keeping company with your daughter for over two years.

Practiced What He Preached.
Hills—Gruet says that he believes in beeping in touch with his fellow men.
Mills—Well, there aren't many of them that he hasn't touched.