

## Building Eagle Boats in Vast Conservatory.

Starke Hendee, in the September Popular Mechanics Magazine.) When one has seen warships taking form like cucumbers in a hothouse, he no longer wonders whether or not America's industrial preparedness has been estimated conservatively.

There is one place in the world where such a dramatic spectacle is being enacted. It is within an enormous glass solarium on a bank of the River Rouge at Detroit where the Navy's new "Eagle" boats are being built.

When Henry Ford early this year agreed to build Eagle boats at Detroit, the plans and specifications were yet to be prepared by the Navy Department, a model remained to be built and tested, the present shipyard on the River Rouge was a dream, methods of high-speed production were formulated, important machinery demanded inventors, and special tools awaited designers.

In normal times a capable contractor might have spent a year in erecting an assembly plant, a steel and glass structure 1,700 feet long, 350 feet wide, and about 90 feet high, but not only was it finished in 11 weeks, but finished in every detail.

From start to finish the Eagle boat is a precedent. It is being built entirely of sheet steel. No one ever heard of such a thing before. There is not a rolled beam from stem to stern, or keel to bridge. Every part is fashioned from flat steel plates. Bulkhead angles, deck beams, channels, and other structural members are bent into shape; some, like the transverse, manually, others cold-pressed by powerful machines.

An extensive "lumberyard" are immense stacks of thin steel plates. Except for the shape of some of them, they look as if they were composed of trimmed and orderly arranged layers of rust-colored sole leather. And when one of the plates is lifted and swung through the air by a crane, or dragged from a stack by a team of husky laborers, it bends away in leathery fashion, and its similarity to the more striking.

What then is being done? Sheets of steel are entering at one end of a long building and Eagle boats are being launched at the other end! Each Eagle boat is built on a long car, supported on 12 standard wheels and stationed on one of the ways. The cars are 187 feet over all, and suggest to one tremendous black centipedes. On each of the three shipway tracks there is room for seven of these cars. Thus there is place in the plant for the simultaneous assembling of 21 ships.

From the laying of the keel to the fitting of the rudder and propeller, a boat progressively occupies seven different positions along its way. That means that the assembling is divided into seven distinct operations executed by seven different crews of workmen. When the first operation is completed, the car bearing the embryo boat is moved to the second position, and a new car is brought into the vacant berth ready for the keel of another vessel to be laid. Before a boat can be transferred from the first to the second position, every other boat

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along the way must advance one station. This means that each of the seven operations on seven different boats must be completed on time to the minute by seven distinct crews of workmen. When the first crew is ready to lay another keel, the last crew must be ready to launch another boat. Not an inch of space has been provided for flexibility in the event of "unavoidable delays." No room has been left for failure!

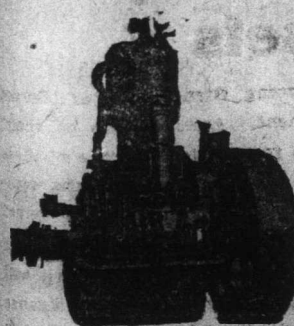
## Codfish Leather.

The next war "substitute" it seems, will be the skins of aquatic animals for shoe leather. At the Pratt Institute, Brooklyn, experiments have been made with the skins of sharks and codfish, and the results suggest that a reasonably good standard of footwear can be made from them.

The new leather will be utilized only in the manufacture of the "upper" parts of the shoe; for, so far, no satisfactory substitute for sole leather is forthcoming. The Pratt Institute, however, have discovered a method of treating ordinary sole leather in a way that doubles and even triples its durability, and it will be used in the manufacture of the shark and codfish shoes. The skins of aquatic animals, of course, have already been extensively used for fancy leathers because of their handsome markings—Tilt-Bits.

**FR. PIPPY'S GARDEN PARTY TO-MORROW AT POUCH COVE.**—Weather permitting the "John Greene" will leave C. F. Bennett's wharf for Pouch Cove at 1 p.m. to-morrow. Price—Pouch Cove and return—only \$1.50. Attractive programme. T. A. Band.—sep10/18

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## How to Please a Woman.

Some men don't require to be told. The art comes natural to them, and they understand how to please by intuition. But others—and these the greater number—must learn in the school of experience.

If you would please a woman you cannot be too careful about little things. It is just the seeming insignificant trifles that mean so much to her. A glance, a single word, a slight movement, may repel or charm. A woman may not be able to analyze very deeply, or say precisely where the jar comes in, but she is deeply sensitive to the significance of the little things. The small attentions and civilities of life please. A careless or perturbation bow, a neglect to choose the road side when walking with her, a failure in attention when she speaks, may alter her opinion of you.

A woman likes the sense of being taken care of, and if you look after her little creature comforts you are on the right road to her heart. If she is on a rainy journey and she does not sit in a draught, and if she seems cold put a wrap round her. Do all these things without asking her. Anticipate her need, in fact, and she will not fail to appreciate your forethought.

But, whatever you do, don't be fidgety. Women are themselves often inclined to worry and fidget over things; but this makes no difference to the fact that they dislike and despise these same qualities in men. If you accompany her when shopping, you must take a great interest in the important process. You must not seem to be in a hurry to get the purchase over, nor must you wear a pre-occupied air; and if you are out with her in the afternoon, do remember that she will like a cup of tea about four o'clock, and if you can find a quiet and cool place to have it in, she will be the better pleased.

And last—but certainly not least—do not forget that what pleases a woman before marriage will please her still more after marriage. A bunch of flowers, given with a loving kiss, will give her as much happiness as any gift you can offer. And remember that, because she is your wife, you should treat her with greatest courtesy, consideration and attention than you do any other woman.

## Notes From Robinson's

The haymaking season is drawing to a close with an all round average crop. Every year sees some improvement in the farming equipment, etc. This year, again, several farming implements have been imported to help decrease manual labor, but to compensate agricultural resources with ways and means of people to develop them we are yet far behind our big Canadian neighbour and he remains to be done on the part of both people and Government to arrange things as they should be.

The potato crop appears to be equal if not superior to last year's crop, but turnips and cabbage are a blank as they will not reach more than 15 p.c. of last year's yield.

The codfishery, too, has been a failure owing to the caplin not coming in, but we have little cause to grumble even if we have to use 25 p.c. substitute for flour as there are very few, if any, in this locality who will not, during the fall, be able to buy in their winter's supply of provisions. I would like to know if this is not a privilege and a blessing to us in such times of trouble and distress to be so better off in this respect than millions of our brothers and sisters of the war-stricken countries, who rarely know what it is to have a square meal, especially of such luxuries as we enjoy.

A concert was held here in the Orange Hall on Aug. 22nd, by the young ladies of Robinson's, and the handsome sum of \$61 was realized, which was donated to the New Church Fund.

The people are joyful over the expectations of the movement of the St. George's Coal Fields, Ltd., and Mr. Freeman has every good wish attached to him from these points.

The people of Robinson's have for many years at times warmed themselves with Newfoundland coal from the seams now advertised, and the reason that more has not been used is that it is eight or ten miles away and there are lots of wood within two miles. But to far as both quantity and quality go, I think we need not doubt.

Robinsons, Sept. 5th, 1918.

## Playing-Cards With Histories.

Nobody knows when or where the first rule set of cards were invented, although numerous somebody have variously brought forth proofs that each one of a dozen countries created them. But it's somewhere—wide somewhere—among Assyria, Egypt and India. They have even been said to have been invented for the idiot King of France; but, of course, they were invented long before.

Almost as long as cards have been in existence have card games ruled the fashions, and not only the fashions, but every rank of life. England boasts proudly of having invented whist, and after many tribulations, of having developed it to a point where Hoyle reduced whist to a science, and incidentally associated his name with whist until, "according to Hoyle" became a byword. The name of whist was said to have its origin from "the silence that is to be

## Welcome to N. M. Guy and Family.

One of the advantages of the itinerant system of ministerial appointments is that it usually brings to a circuit every three or four years one who comes with new energies, looks out upon the field with new eyes, and is inspired with new enthusiasm. We are glad to welcome in the person of the Rev. Norman M. Guy one whom we have reason to believe has all these qualifications for successful work, and we extend to Mrs. and Miss Guy and himself a hearty welcome to Bermuda. Though the change from the climate, scenery and life of Newfoundland to that of semi-tropical Bermuda will be very noticeable and perhaps not altogether pleasant during the hot weather, we can assure them that there are better things in store, and one year's experience of a delightful Bermuda winter will more than compensate for the discomforts caused by "the summer sun" directed rays.

A small deputation of the officials of Wesley Church met Mr. Guy and his family on their arrival by the S. S. Charybdis on Tuesday morning, July 30th. Rev. G. B. Sinden, who was at Mt. Allison with Mr. Guy, represented the ministers of the district. We were sorry to learn that a ten days' illness while in Boston had seriously interfered with the enjoyment of Mr. Guy's holiday. Not much time was lost in transferring from the dock to the parsonage, the surroundings and appearance of which delighted the ladies of the party. A few of the ladies of the church were on hand to welcome the minister's family and to initiate Mrs. and Miss Guy into the art and mystery of Bermuda housekeeping. — The Bermuda Methodist.

Among the fantastic varieties were those educational packs which were supposed to teach the player, at his game, the rudiments of some branch of study. Perhaps the funniest pack was one which professed to teach the correct ways of carving everything. Clubs were supposed to represent fish, the king of clubs regal himself with a huge pickled herring; spades were to represent cooked meats, the king making merry in good old English fashion; diamonds stood for fowls, and it was turkey that this king had his career's knife in; with hearts for good, red beef, the king slicing dexterously at roast beef.

From the way the face cards were represented as carvers the student (?) was supposed to learn the correct methods of the most domestic of arts. And the curious uses to which cards have been put. They have served as impromptu visiting cards, have borne challenges and proposals "as gallantly—as any gentleman of the realm," and have been carefully "cut" to see what luck is in store.

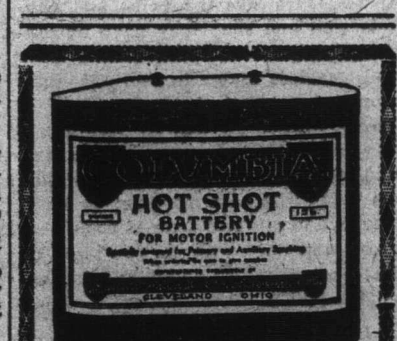
Indeed, even in this age, when life is too strenuous to permit much superstition, the folk-lore history of playing cards is an old one, with numerous devotees who still faithfully believe in it, and who would no more undertake a journey or decide an important question without consulting the cards than they would think of tying.

## Wedding Bells.

On July 2nd, at Camp Gordon, Atlanta, Georgia, South America, U. S. A., Marie Carey, daughter of Mrs. and Mr. John Carey, Hayward Avenue, this city, to Corporal William J. Wallace, of New York, U. S. A. Mr. and Mrs. Wallace expect to return to New York in a few months, where she has resided for several years. Their friends wish them many years of matrimonial happiness.

## Wedding Announcement.

The marriage of Miss Ada Noseworthy, daughter of Mr. Frank Noseworthy, Clarke's Beach, to Robert J. Smith, son of Mr. A. Smith, Cupids, takes place at the Methodist Church, Clarke's Beach, to-morrow, Sept. 11th.



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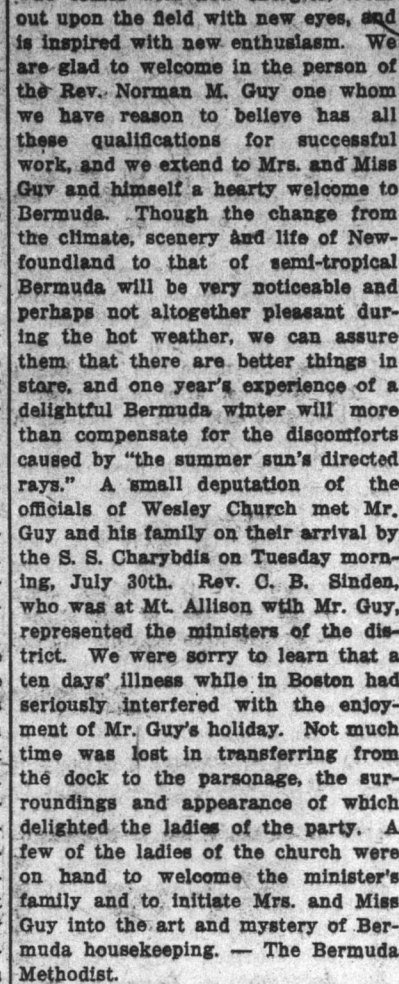
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List of Prize Winners will be published in this paper first week in December.

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## Jensen Red Cross Fund.

The Committee wish to acknowledge the following donations for July and August, with many thanks:  
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Grand Falls Patriotic Association for June . . . . . 50 00  
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Miss M. Kent . . . . . 30 00  
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Mrs. Woodman, New Harbor . . 5 00  
Miss Gerlie Andrews . . . . . 10 00  
Miss Spry . . . . . 6 00  
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From laborers discharging coal from S. J. A. McKee, per E. H. Willis . . . . . 5 50  
Mrs. Gillard . . . . . 40 00  
Mr. Jonas Barber (proceeds of concert) . . . . . 50 00  
Half proceeds of Pandora Opera, per Mrs. Hutton . . . . . 22 84  
Proceeds Cricket Match, per Mr. P. Myler . . . . . 42 24  
Lady Outerbridge . . . . . 50 00  
Mrs. N. Outerbridge, part of salary of Lieut. N. A. Outerbridge . . . . . 50 00  
The Executive Committee of the Jensen Camp also wishes to acknowledge the following with thanks:—  
Magazines from Mrs. J. Rendell, front from Mrs. Holden, gift of land for vegetable planting from Mr. Cowan, sideboard materials from Mrs. Willis, box of biscuits from Mrs. Fraser, magazines from Miss O'Dwyer, rhubarb and flowers from Mrs. Moore, typewriting machine from Mrs. Wakeley, fresh salmon from Mrs. W. Munro, eggs from Mrs. Woodman, New H., 25 books from Mrs. Melville, roses from Lady Outerbridge, 2 cakes from Mrs. C. Teagler, books from Miss Dorothy Hayward, magazines from Mrs. G. Hayre.

## Just Folks.

Amongst the attractions at Father Pippy's Garden Party at Pouch Cove to-morrow, will be the final rowing heat for the cup for which the preliminaries were contested at Flatrock. Weather permitting the John Green will leave C. F. Bennett's wharf for the fête at 1 p.m. to-morrow. The T. A. & B. Society Band will furnish the music. Fr. Pippy deserves every encouragement in his labours as a great deal of work is necessary to complete schools both at Flatrock and Pouch Cove.

## Acknowledgment.

The Carbonear W. P. A. gratefully acknowledges, with thanks, the receipt of \$2.68 from the employees of The Saunders, Howell & Co. Ltd.

**NOTE OF THANKS.**—Mr. and Mrs. Michael F. MacDonald wish to thank the following doctors and sisters of the General Hospital for their kind attention and care of their little girl Sadie during her stay at that institution: Doctors Cowperthwaite and Carnell, Miss Taylor (Head Nurse), Sister Doyle, Nurses Lewis and Williams.—adv11/18

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## Just Folks.

Safe service should be nobly done. When some there are go forth to die. To keep the light of freedom high: When youth will stand beside a gun. Through bitter hours without complaint. Bear thirst and hunger with a smile. With grim death ushering every aisle. Breathing an air that poisons faint. How good the shame of him who fails in duty where no foe assails. It is an easy thing to stand. Where never shrieking shell is heard. And kindly is the spoken word. Where little children, hand in hand. Romp out of doors and women fair. Welcome the tollers home at night. To gentle scenes where eyes are bright. And faces are not aged by care. Of him but little life has asked. However much his strength is tasked. Safe service should be gladly given. Secure from death's destroying shell. A man should do his duty well; If to his task he must be driven. He has disgraced the youth who goes Undaunted to the danger zone. And keeps his bitter post alone. And battles with his country's foes. Little of men, safe service asks. Compared to danger's cruel tasks.