

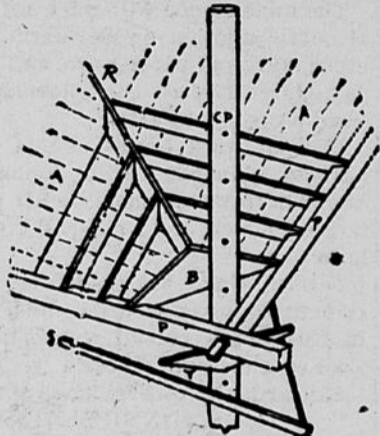
# ROAD AND FARM IMPROVEMENT

## USEFUL FARM STRUCTURE.

**Barracks Are to Be Preferred to Stacking, Because Convenient and Cheaply Built.**

I recently saw, in a book for the information of farmers, plans and description of a barrack. Having built them, and living in a section where every farm has them, was greatly impressed with what the writer did not know about these useful farm structures.

The diagram, herewith, shows the true way to frame around the corner post and the manner of arranging the sweep for raising and lowering. Four straight chestnut poles 22 feet long are selected from the woods and bored with holes one foot apart to receive



**BARRACK FRAME.**

CP, corner post; R, rafter; B, brace; P, plate; Y, yoke; T, temple; S, sweep; AA, roof boards.

the bolts which support the roof. They are set four feet in the ground and 18 feet apart as that is a convenient size to make a barrack. The plates are four by six inches, made of white pine or some other light wood, as is all the material of the roof. Lightness is important and the roof boards are made on one-half inch material. The brace across the corner is made of 2 inch plank spiked strongly to the plates. It is of such a height that the rafter which rests on it if projected through the corner post, would meet the frame at intersection of the plates. The roof boards are cut around the corners, leaving a hole a few inches larger than the corner posts. A little rain that gets in at the corners or through the roof does practically no harm as the open condition of the barrack favors quick drying. Barracks are much to be preferred to stacking; are convenient and cheaply built.—G. Davis, in Ohio Farmer.

## MAKING THE ARMY USEFUL

**Agricultural Paper Suggests Employment of Idle Soldiers in Construction of Highways.**

Gen. Miles has been developing a scheme whereby the army when not in service, which is most of the time, may be relieved of the monotony of a life with nothing to do but eat and sleep, and at the same time be of some practical use to the country. He proposes that they be supplied with modern road machinery and set to improving the roads of the country. There is much good hard sense in this proposition. There has recently been considerable effort made to restore to the soldier the privileges of the canteen on the ground that in his enforced idleness there were other and worse evils, which were liable to take possession of his time when the canteen was refused him. We believe the proposition to give him something to do will relieve the monotony of his position in a way that will be far better for him and for the country in general, and certainly more to the credit of the nation. So long as these regiments must be maintained at public expense, why not have them employ their time in a way that would be for their good and of practical value to the general public. While our army is vastly smaller than that maintained by most other countries of similar proportions and the expense of maintaining it is consequently less burdensome, yet if it can be employed at some useful occupation this burden will be still further reduced. Every little helps in cutting down the expenses, and with the large and increasing demands for public improvements along various lines all over the country, it is certainly advisable to adopt economic changes wherever practical.—Prairie Farmer.

## Advance in Land Values.

The advance in land values has been very marked during the past six years. Good agricultural lands are steadily increasing in price, and there is no prospect of a reduction or decline. Our population increases steadily, while there can never be any more acres of land on the earth's surface than at present. It annually requires more of farm products to feed the increasing population, and prices must therefore rule higher and higher and farming become more and more intensified and remunerative.—Midland Farmer.

## Save Your Horse Hides.

It has occurred to us that farmers and horse dealers are not generally aware of the fact that horse hides, whether taken off from slaughtered horses or those which have died by disease or perished from other causes, have market value. Farmers should not allow the hides of their fallen stock to go to waste. Fair-sized horse hides, free of cut holes and other blemishes, are now bringing from \$3 to \$3.25 in Milwaukee.

## A BICYCLE PROPOSAL

BY JOHN WICKLIFFE GRAY.

Until that summer I had never believed that I was a timid man. But the happenings of a few weeks led me to the conclusion that I had my share and more.

A girl with blue eyes did it. As in most cases where a man has found himself face to face with himself, it was a woman who held the mirror.

It was the old story of scouting at love until I met the one girl, and then I wanted to propose. But what with the doubts that assailed me as to the probable reception of a proposal, and my new-born timidity, I could never gather together sufficient courage at the proper time to give expression to the thoughts that kept me awake at night. I carefully formulated plan after plan to rid my mind of its burden, but one after another they came to naught through my disgusting shyness—cowardice, if you will. I am half inclined to believe that Beatrice knew my condition all the time. But she had a keen sense of humor, and I dreaded that silvery laughter more than a whole regiment of regulars. She could grow serious in a moment, and it was this mood I liked best. But, until that sunny day, when my bicycle helped me through, I had always missed the point. It lacked but four days of my departure from the springs, and I knew to delay might mean to fail altogether.

Delay and defeat were the words that hummed through my brain like a sprocket wheel as we spun down the lane that morning. We were out after an early breakfast, and on that short journey a wheel I had determined to throw all my chances in the balance and find their intrinsic worth. Just how I was going to begin I had not determined, and I thought that for once I would leave the matter open for the seizure of the first opportunity.

The morning air was crisp and cool. The roadside flowers seemed nodding us a cheery good morning in the light breeze. Now and then from the trees came the call of a bird, and making a shiny black streak in the air, a crow would bend his flight to a lonely tree in the fields, calling to his mate.

Bee and I had said little until we reached the broad pike.

"Want to race?" she called back to me from her point of vantage a few lengths ahead. Now I knew what that meant. Bee was the better rider, for instead of taking a course of indoor physical culture she had adopted golf, tennis and a bicycle as the most enjoyable method of obtaining exercise and health.

"Trying to tease," I said. "But go ahead, I'll do my best. Want to bet anything?"

"No, not when I am certain of the result," she laughed.

I grinned appreciation and asked: "How far?"

"The two mile post," she cried, and we were off.

Bee sprinted, and so did I. But the distance between us remained about the same, and precluded conversation, even had not the pace attained the same end.

Soon the sprockets were singing a steady song to pebbles that spun backward from the rubber tires. We were running at 20 miles an hour down the best piece of road in the section.

I settled to a steady speed, not quite my best, and Bee did the same, saving strength for the last half mile. The wind whistled a merry tune to the time we kept with our pedals. A covey of partridges fed with sharp chirps at our whirlwind advance. I felt and noticed little else beside the trim figure, with flying wisps of brown hair, just ahead of me.

Of a sudden Bee began to draw ahead of me.

"Put your heart into the game," she called back to me, with her head half turned as she spoke. She was laughing out of pure enjoyment of the exercise, and perhaps my probable discomfiture. My pride was nettled, and it must have increased my strength to a considerable degree. Soon I was close behind her, and with the wheels buzzing like mad things, I was even. One more spur, and with a tremendous effort I was ahead!

"Get your hand in the game," I called back, paraphrasing her own slang. "My heart and your hand." I added by the force of an inspiration, "a match race!"

The second mile post was not more than a hundred yards ahead, and I was beginning to believe I should win. I had no time to look back, fearing a loss of my little gain.

But neither was to have the victory. Bee's front wheel advanced slowly, but surely, until it was even with my handle-bars, and as we arrived opposite the post, we were side by side.

It was a tie!

"You got your hand in," I laughed later under the trees where we were seated.

"Yes," she agreed.

"And my whole heart was in it," I added, cautiously.

The blue eyes looked into mine and seemed to read what was there. And then in the fear that my shyness would return, I said quickly, incoherently: "Your hand, my heart, a match, the tie—Bee"—and—

Well, our bicycle will accompany us on the honeymoon, even though it be as excess baggage.

**Profitable Investment.**

In 1875 it was communicated to the British government that the Khedive Ismail Pasha, being in desperate need of money, was willing to sell his 176,602 shares of stock in the Suez Canal company at a fair price. Disraeli was then premier and he didn't hesitate a minute. England paid \$20,000,000 for the khedive's holdings, or at the rate of \$113.60 per share. Since then the dividends on its purchase have aggregated \$24,000,000 and to-day the shares are selling at \$700 each. This shows a profit on the transaction of \$103,600,000.

## AGRICULTURE IN WESTERN CANADA.

Its Grain Fields, Ranging Lands, Dairying Resources.

The Editor of the Wisconsin Agriculturalist, who was one of a party of editors of agricultural papers, took a trip through Canada during the past spring, writes to his paper in the following strain:—

The reason of his visiting Canada was to satisfy himself that the reports coming to his paper regarding the wonderful resources of that country were accurate. In view of the wonderful settlement that was going on there, many from this country crossing the line in search of permanent homes, and in view of what he had heard in regard to conditions of soil, water, climate, topography, fuel, grasses, rainfall, markets, etc., and also the influence which these have had on the present and future agriculture, he deemed it necessary to make an extended trip through all of the above territory.

In speaking of the Province of Manitoba, he says:—

"The Province of Manitoba comprises within its limits the far-famed 'grain-growing valleys of the Assiniboine and Red Rivers. Although 'called the Prairie Province of Canada, Manitoba has large areas of forests, numerous rivers and vast water 'expansions.

"The soil is a rich, deep mould, or 'loam, resting on a deep clay sub-soil. 'It is well adapted to wheat growing, 'giving a bountiful yield of the finest 'quality, known the world over as 'No. 1 hard wheat. During the past 'ten years the growth of wheat and 'other grains has steadily increased, 'until now the production, by 35,000 'farmers, reaches 100,000,000 bushels. 'Of the 23,000,000 arable acres in Mani- 'toba, probably not one-half of it is 'occupied. Cultivated grasses yield 'about two tons per acre, and native 'grasses a ton and a half.

"There can be no question but that 'dairying will become a great indus- 'try throughout the north-west, and 'especially cheese making, as the cli- 'mate is favorable and similar to that 'of Ontario.

"Crops grown are wheat, barley, 'oats, flax, rye, peas, corn, for fodder, 'brome, potatoes, roots, etc. The soil 'is very fertile, and moisture ample. 'The climate is good, and the growing 'season, while not quite so long as in 'Wisconsin, matures crops as the sun 'shines much longer, rising about four 'o'clock and shines until about nine 'at night. One can easily read a news- 'paper at 10 p. m. The long days make 'growth fast, and push crops to ma- 'turity ahead of frost.

"The ranching, the wheat growing, 'and the mixed farming belts all cross 'over Assiniboia. The yield and the 'quality of wheat raised along the main 'line of the Canada Pacific Railway, at 'such places as Indian Head and its 'allied districts, have become famous. 'Its possibilities are shown by the 'average of tests made at the experi- 'mental farm in 1902, when eleven va- 'rieties of the most suitable wheat, 'sown on April 19th, were cut in '130 days; and yielded 4,314 pounds 'of straw, and 43 bushels and 2 pounds 'of grain per acre. Its mixed farming 'area is excellent, its range cattle, 'horses and sheep are the equals of any 'seen in the north-west, and its tree- 'less portion is underlaid with coal. 'The town of Medicine Hat is heated 'and illuminated with natural gas. 'There are abundant deposits of brick, 'pottery and fire clays."

Agents of the Canadian Government will be pleased to mail an Atlas to any one interested, and also all other information regarding railway rates, etc.

Professor—"We know that heat expands, and we also know, Mr. Smart, that cold contracts, do we not?" Mr. Smart (hoarsely)—"I guess so, but I'll bet it doesn't contract itself as much as we contract it!"—Philadelphia Press.

## BEAUTIFUL SKIN,

Soft White Hands and Luxuriant Hair Produced by Cuticura Soap.

Millions of Women Use Cuticura Soap, assisted by Cuticura Ointment, the great skin cure, for preserving, purifying and beautifying the skin, for cleansing the scalp of crusts, scales and dandruff, and the stopping of falling hair, for softening, whitening and soothing red, rough and sore hands, for baby rashes, itching and chafing, for annoying irritations and ulcerative weaknesses, and many antiseptic purposes which readily suggest themselves, as well as for all the purposes of the toilet, bath and nursery.

No man is so insignificant as to be sure his example can do no hurt.—Lord Clarendon.

**Teasdale and Billion Dollar Grass.**

The two greatest fodder plants on earth, one good for 14 tons hay and the other 90 tons green fodder per acre. Grows everywhere, so does Victoria Rape, yielding 60,000 lbs. sheep and swine food per acre. [K. L.]

JUST SEND 10c IN STAMPS TO THE John A. Salzer Seed Co., La Crosse, Wis., and receive in return their big catalog and lots of farm seed samples.

A propensity to hope and joy is real riches; one to fear and sorrow, real poverty.—Hume.

**Shake Into Your Shoes**

Allen's Foot-Powder. It cures painful, swollen, smarting, sweating feet. Makes new shoes easy. Sold by all Druggists and Shoe Stores. Don't accept any substitute. Sample FREE. Address A. S. Olmsted, Le Roy, N. Y.

They who live on fashion die of folly.—Chicago Tribune.

Stop the Cough and works off the cold. Laxative Bromo Quinine Tablets. Price 25 cents

A woman is never too good to be true.—Chicago Daily News.

June Tint Butter Color makes top of the market butter.

# HOW TWO BEAUTIFUL WOMEN ESCAPED DREAD CATARRH BY USE OF PE-RU-NA.

**Catarrh Robs Women of Health and Beauty. Pe-ru-na Makes Women Healthy and Beautiful.**



Miss Amanda Johnson.

Miss Flora Hauser, 1032 S. New Jersey street, Indianapolis, Ind., writes:

"I think I must have been troubled with catarrh ever since I was very young, aggravated each time I caught a cold. This did not prove sufficiently serious to be obnoxious until last winter. Then my head and nose were so stopped up that I felt I must do something. Pe-ru-na was recommended to me by a friend. I used it for four weeks, and found to my relief that it cured me. I have not had a bit of trouble since. My head is clear, and I can safely affirm that Pe-ru-na cured me."—Miss Flora Hauser.

Hundreds of Women Cured by Pe-ru-na of Annoying Catarrh.

DR. HARTMAN has probably done more than any other physician toward popularizing a means of escape from the facial deformities, such as watery eyes, twisted nose, offensive breath, dry cracked lips, due to the ravaging effects of catarrh.

He has made chronic catarrh a lifelong study. His remedy, popularly known as Pe-ru-na, is the most famous remedy for catarrh in existence.

Probably there is not a man or woman, boy or girl, within the bounds of the United States that has not heard of Pe-ru-na. By far the largest majority have used Pe-ru-na.

The multitude of people that have been cured of chronic catarrh by using Pe-ru-na can never be known.

Miss Amanda Johnson, Fairchild, Wis., writes: "I write to tell you how much Pe-ru-na benefited me. For a number of years I had pain in my head around my eyes, and I thought it was because my eyes needed treatment, so I went to an oculist and had glasses fitted to my eyes and wore them for some time, but felt no relief whatever. In fact, I felt worse than before, and came to the conclusion that the trouble was not with my eyes, but with my head and that it must be catarrh. As so many of my friends had used Pe-ru-na with benefit for this trouble, I thought I would try it. I was not sorry that I did so, for in a short time I began to improve, and in four weeks my eyes were in splendid condition, my general health was much improved and all the catarrh of the head was gone. I was glad to get rid of this trouble and am glad to endorse such a good medicine as Pe-ru-na."—Miss Amanda Johnson.



Miss Flora Hauser.

No Woman Afflicted With Catarrh Can Be Either Beautiful or Attractive.

Many a girl has regained her faded complexion, many a matron has lengthened the days of her comely appearance by using Pe-ru-na.

Pe-ru-na produces clean mucous membranes, the basis of facial symmetry and a perfect complexion.

The women have not been slow to discover that a course of Pe-ru-na will do more toward restoring youthful beauty than all the devices known to science.

While it is true that Pe-ru-na cures catarrh wherever located, yet it is advisable for everyone to use Pe-ru-na as a preventive and not wait until catarrh

has fastened itself in some part of the system. Pe-ru-na acts quickly and beneficially on the inflamed mucous membranes lining the different organs of the body. Thus it will cure catarrh wherever located. If you do not derive prompt and satisfactory results from the use of Pe-ru-na, write at once to Dr. Hartman, giving a full statement of your case and he will be pleased to give you his valuable advice gratis. Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, O.

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Millions of U. M. C. Shot Shells are sold each year. They are made in the largest cartridge factory in the world.  
The UNION METALLIC CARTRIDGE CO., BRIDGEPORT, CONN.  
Your dealer sells them. Catalog sent upon request.

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The Great Attractions

Good Crops, delightful climate, splendid school system, perfect social conditions, exceptional railway advantages, and wealth and business acquired easily.

The population of WESTERN CANADA increased 122,000 by immigration during the past year, over 50,000 being Americans.

Write to the nearest authorized Canadian Government Agent for Canadian Atlas and other information; or to the SUPERINTENDENT IN IMMIGRATION, OTTAWA, CANADA.

J. T. HOLMES, 215 Jerome Street, St. Paul, Minn. C. FLEISS, Grand Forks, North Dakota.

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is no hindrance to the rider who wears SAWYER'S EXCELSIOR BRAND POMME SLICERS. Man or saddle can not get wet. EXCELSIOR BRAND OILED CLOTHING. For all kinds of work. Warranted Waterproof. Look for trade-mark. If not at dealers write to Sawyer & Son, Boston, Mass.

Feel bad today?  
Over-eating, working and drinking may have caused it, or you may have caught cold. Makes you feel mean—bad taste—and a headache. Go upon our advice just once and take

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