MISS McGLASHAN AND A SECTI ON OF HER "FARM"-BOXES AND

BARRELS FULL OF BUTTERFLIES, MOTHS AND LARVAE.

HERE'S THE QUEEREST LITTLE FARM IN ALL THE WORLD - IT'S A BUTTERFLY FARM, THE PRETTY GIRL FARMER MAKES MONEY OUT OF IT, AND TELLS HOW SHE DOES IT.

[Special Correspondence of The Advertiser.]

Glashan, a pretty young San Jose girl few months, many species passing the who runs the strangest "farm" in winter in the egg state. America-a "butterfly farm."

ence. In ten weeks of last summer fitting cover to stay until they are an she made \$500 raising and selling but- inch long. Then they should be placed she expects to do much better, finan- fruit jars. cially, next summer.

Glashan set out to be a school teacher; gauze covering, and which is filled at but a summer vacation intervened, and the bottom with three inches of dirt

To show her how to "butterfly farm" her father sugared some trees, convert-ed fruit jars into cyanide bottles, rigged up a lantern, and took moths from trees at night by placing the mouth of a bottle over the flies as they sipped the sugar from the trees.

In a month Miss McGlashan shipped away 1,500 moths and butterflies and received \$75. Meanwhile her father taught her to gather caterpillars and feed them in bottles, boxes and

In ten weeks she had sold 10,400 butterflies for \$520, and she now has on hand 20,000 eggs, larvae and pupae which will hatch into butterfles and moths next year. These will be kept in cold storage during the winter, so that they will not develop until the leaves come out next spring.

Only the perfect specimens are salable, explains Miss McGlashan. Every time a few "flies" are caught, they should be sorted over and the males with damaged plumage liberated, while the battered females are put into little paper boxes or bags, one in a box. Female butterflies will not deposit their eggs except when confined in a gauze bag or its equivalent, and over their particular food plant. Moths, however, will lay their eggs on the inside of any box or bag.

They must be fed every day, suggests Miss McGlashan.

Females are large, round and "fat"

Part of a willow teaf, a clover leaf, or a blade of grass furnishes food for San Jose, Cal., Dec. 20.—"Any woman most kinds of moths, though under can make \$50 a week during the sum-mertime capturing and raising butter-thing. Try the leaves of whatever flies and moths. Little capital is re- grows in your locality until the food quired; expenses are small; the work your caterpillars like best is found," is light, and done out-of-doors; and no with a piece of dried apple soaked in knowledge of the science of entomology sugared water. The eggs will hatch in is necessary," says Miss Ximena Mc-periods varying from a few days to a

After a few days they should be re-Miss McGlashan talks from experi- moved to a jelly glass having a tightterflies. That was her first season, and in large-mouthed bottles, candy jars, or

When she was graduated from the they should be placed in a tight barhormal school last spring, Miss Mcrel, over which has been fastened a



with eggs, while the males have slen- leaves daily, removing the old food. No net, pins and a pair of small forceps ned through the neck near the body. der bodies. Male moths usually ter- further work is necessary until the to pick up the insects, which should miss McGlashan gets an average of minate in a tuft of feathers, while the perfect, full-fledged moth or butterfly never be handled with the fingers; and five cents apiece for her butterflies and end of the female is pointed. In some emerges from the pupa.

species the sexes have different markings.

then, when you send them away, you moths, and has a wide market. For a cyanide cakes, a home-made butterfly the hoxes, to which the flies are pinceived as high as \$5 each.

Treading On Father Time's Heels-New Insention Measures Hundredths of a Second To Prohibit the Sale by Retail of Spirituous

2. THAT the votes of the electors of the Township of London entitled to vote on this Bylaw will be taken on this Bylaw by the Deputy Returning Officers hereinthirteen, commencing at nine o'clock in the morning, and continuing until five Polling

Polling Place. sion. Officer.

Fred G. Fuller.

William Routledge
George Abray
Charles Goulding
W. O. W. Hall, Hyde Park.

Thompson's house, Lot 24, Con. 6.
Patrick's house, Ilderton.
W. W. Stanley
Harding's house, Denfield.
R. Dengate
Richard Pett's house, Lot 8, Con. C.
Thomas Branton
Richard Pett's house, Lot 8, Con. C.
Josiah Rumble
D. Girvin's house, Lot 7, Con. C.
William J. Fuller
John B. Shannon's house, Lot 12, Con.
Corner Adelaide and Huron streets.
J. Birrell's house, Lot 9, Con. 5.
Mrs. Ardiel's house, Lot 9, Con. 8.
Mrs. Ardiel's house, Lot 9, Con. 8.
Wm. Armitage's house, Bryanston. 9. W. E. Talbot

10. Edward Johnson

11. Alex. Grant

12. William Rigney

13. Sydney Fraleigh

14. William Goulding

15. E. G. R. Lea

16. John Bacon

17. W. R. Trott

18. That on the 30th day of December, A. D. 1912, at his office in the Town Hall, appoint in writing, signed by himself, two persons to attend at the final place on behalf of the persons interested in and desirous of opposing the passing of this Bylaw

18. That the Clerk of the said Municipal Council of the Township of London in the forenoon, on the seventh day of January, A. D. 1913, to sum up the number of votes given for and against this Bylaw.

19. W. E. Talbot

10. Edward Johnson

11. Alex. Grant

12. William Rigney

12. W. M. Armitage's house, Lot 9, Con. 8, standard the final place of the said Town Hall, in the Town Hall, Arva, and Simon Robbin's house, Lot 4, Con. 2, standard the Town Hall, in the Township of London, at the hour of ten o'clock in the forenoon, the summing up of the votes by the clerk, and one person to attend at the final place on behalf of the persons interested in and desirous of promoting the passing of this Bylaw.

19. THAT the Clerk of the said Municipal Council of the Township of London in the forenoon, on the seventh day of January, A. D. 1913, to sum up the number of votes given for and against this Bylaw.

20. This Bylaw shall come into force and take effect as from the first day of May next after the final passing thereof. Council chamber,

19. Reeve.

was used with great success at the dicates the elapsed time of an aero-recent contests for the Gordon Bennett plane or automobile to the hundredth Milwaukee, respectively. He calls it ent record of this time in plain figures The need of a device that will regis- printed record of the time of each of

TAKE NOTICE that the above is a true copy of a proposed Bylaw which has been taken into consideration by the Municipal Council of the Township of London, the electors being obtained thereto, as provided by "The Liquor License Act," and amendments thereto, after one month from the first publication thereof in the of December, A. D. 1912, and that at the hour, day and places therein fixed for Lorlor the said electors the polls will be held.

MARY GRANT Clerk

or automobiles are started separately wheels of the car in front.

and that often the elapsed time between the start and finish of two machines is extremely close, making the
ordinary stop watch methods of timing electric motor. The first wheel indi-

Inadequate. Cates nours, the second minutes, the It has been found that when a halfdozen experienced observers hold stop dredths of a second. A printing hamwatches each will give a different re- mer, operated by magnets, prints the watches each will give a different remer, operated by magnets, prints the port on the time made by the same time record on the paper ribbon. aeroplane or automobile. The brief In use, wires are stretched across period required to convey the impulse the racetrack at start and finish and from the eye which saw the machine one-mile lines. These are connected with the instrument by the print of the proving of the port of the port of the port of the proving of the port of th

there is nothing and install therein the requisite plant and machinery for the purpose of carrying on their said business in the said after such erection and installation, fifty adult employees, and to increase the said number to seventy-five within twelve months from the time of the completion of the panes is beweither.

There is nothing and install therein the requisite plant and machinery for the purpose of carrying in the said business in the said after such erection and installation, fifty adult employees, and to increase the said number to seventy-five within twelve months from the time of the completion of the erection of the said building and the installation of the requisite plant and machinery, and thereafter, during the term of fifteen years from the date of the mortgage, hereinafter referred to, to pay out in wages at least six hundred.

the water that rung date many rescaled proposed such that will personal proposed policy and the proposed policy with the state of the panes is a point of leather cut from the south of the panes is a point of leather cut from the south of the panes is a point of leather cut from the south of the panes is a point of leather cut from the south of the panes is a point of leather cut from the south of the panes is a point of leather cut from the south of the panes is a point of leather cut from the south from the window washer secure a disk of leather cut from the sole of an old of leather cut from the sole of the sole of leather cut from the sole of an old of leather cut from the sole of an old of leather cut from the sole of an old of leather cut from the sole of an old of leather cut from the sole of the sole of leather cut from the sole of an old of leather cut from the sole of an old of leather cut from the sole of the sole of leather cut from the sole of the sole of leather cut from the sole of the sole of leather cut from the sole of the sole of leather cut from the sole of the sole of leather cut from the sole of the sole of leather cut from the sole of leather cut fr

such annual sum of \$1,936,50 shall be raised and levied in each year during the said period of fifteen. Years by a special rate sufficient therefor on all the rateable property in the City of London; BE IT THEREFORE ENACTED by the Municipal Council of the Corporation of the City of London, as follows:

1. It shall be lawful for the Mayor of the City of London and the City Treasurer to cause any number of debentures to be made for such sums of money as may be required for the purposes aforesaid, either in sterling money of Great Britain, or in lawful money of Canada, payable in gold coin, for not less than one hundred dollars currency, or twenty pounds sterling each, and not exceeding in the whole the said sum of \$20,000, and the said debentures shall be sealed with the seal of the said Corporation, and be signed by the Mayor and Treasurer.

2. The said debentures shall bear date the thirteenth day of June, A. D. 1913, and shall be payable on the Thirtieth Day of June, A. D. 1928, in Canada, Great Britain or elsewhere, and shall have attached to them coupons for the payment of interest.

3. The said debentures shall bear interest at the rate of four and one-half per centum per annum from the date thereof, which interest shall be payable half-yearly on the Thirtieth days of December and June in each year at the place where the said debentures are made payable.

4. During the currency of the debent-

of Mortgages Act, and addition to the covenants, conditions and provisions contained in the form set out in the said act, a provise that in the afternoon, at the following places to carry out their said agreement as to the number of hands to be employed, or as to the payment of the amount of weekly wages hereinbefore mentioned, the principal moneys then unpaid upon the said mortgage shall at the option of the City of London the Said mortgage shall at the option of Comparation of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said mortgage shall at the option of the City of London the said agreement as to the fellowing between the following the follow the insurance clause in such mortgage shall provide for the insurance of the said buildings, plant and machinery to the full insurable value thereof, and loss shall be made payable by the insurance shall be made payable by the insurance companies to the Corporation of the City of London as their interest may appear, and the said mortgage shall also contain such other covenants, provisos and conditions as the Council of the Corporation may deem proper, and time shall be of the essence of this Bylaw. Provided, however, that the Council of the Corporation of the City of London may, if they see fit to do so advance to the Companion

may deem proper, and time shall be of the essence of this Bylaw. Provided, however, that the Council of the Corporation of the City of London may, if they see fit to do so, advance to the Company as sum on account of the said loan towards the construction of the said loan towards the construction of the said building, after the mortgage hereinbefore the feered to has been given and duly registered.

7. All moneys received by the Corporation of the Said more than the moneys received by the Corporation of the City of London from the moneys standing at the credit of special account, and the moneys standing at the credit of such account, or a sufficient part therefore, of, shall at the time of settling the total annual rates for the year, be applied in or towards the payment of the annual amount to be raised in that year for the payment of the interest and sinking fund on the said debentures, and the amount to be raised in such year shall be placed to the erded to the extent of the sum so applied.

This Bylaw shall take effect on the componant of the content of the said take effect on the content of the said take effect on the construction of the construction of the said take effect on the construction of the said the said take effect on the construction of the said the said the said the said the sum so the payment of the annual amount to be raised in that year for the payment of the interest and sinking fund on the said debentures, and the amount to be raised in the sum so the payment of the annual amount to be raised in the sum so the payment of the interest and sinking fund on the said debentures, and the amount to be raised in the sum so the payment of the interest and sinking fund on the said debentures, and the amount to be raised in the sum so the payment of the interest and sinking fund on the said debentures, and the amount to be raised in the sum so the payment of the annual amount to be raised in the sum so the payment of the annual amount to be raised in the sum so the payment of the annual amount to be

applied.
8. This Bylaw shall take effect on, from and after the passing thereof.
9. That the votes of the electors of the said City of London will be taken on this Bylaw on Wednesday, the First day of January A. D. 1912, commencing

Bylaw No.

To Authorize the Issue of S20,000 Debentures for the Purpose of a Loan to

WHEREAS the C.N. W. Shoe Company ower of the said function as slemn, and selling boots and shoes.

AND WHEREAS It is by Section 22 of the find statement on And the find statement of the find statement

A \$50 GOLD WATCH CAN YOU WORK THIS PUZZLE?

Will be given according to conditions of Contest to somebo who succeeds in arranging the letters of the above three lines so that they will spell

THE NAMES OF THREE STATES IN THE UNITED STATES ALSO A PRIZE OF \$10 FOR NEATEST SOLUTION

TRY IT AT ONCE. IT MAY BE YOU.

Write the names of the States on a postcard or a letter,

giving your Name and Address plainly.

IMPERIAL WATCH CO., Prize Dept. [NO. 9], MONTREAL, CANADA

by J. M. Parsons, deputy returning officer.

(3). For the third polling subdivision at R. West's house, 42 York street, by C. W. Heaman, deputy returning officer.

(4). For the fourth polling subdivision at R. Knee's house, 212 Horton street, by James C. Ross, deputy returning officer.

officer.

(5). For the fifth polling subdivision at division at Geo.

Mrs. Burton's house, 278 Talbot street, by W. T. Lawrence, deputy returning officer.

(54). For the

(12)? For the twelfth polling subdivision at W. A. Davis' house, 101 Tecumsesh avenue, by A. R. Calcott, deputy returning officer.

(13). For the thirteenth polling subdivision at J. H. Goodge's store, 145 Bruce street, by A. M. Hunt, deputy returning officer.

(61). For the sixty-first polling subdivision at J. H. Goodge's returning officer.

(61). For the sixty-first polling subdivision at W. H. Rymil, deputy returning officer.

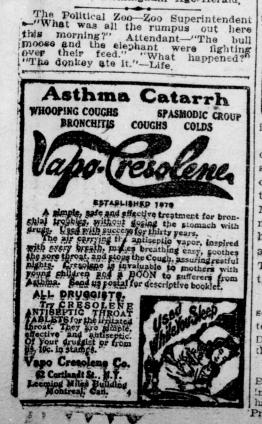
of the thirtieth polling subdivi-

division at Mrs. Knapp's house, 670 Lorne avenue, by W. A. Hall, deputy returning

(53): For the fifty-third polling sub-division at Geo. Barry's house, 748 Princess avenue, by A. Wanless, deputy rec

(54). For the fifty-fourth polling sub-livision at John E. Daly's house, 895





making both ends meet," "That's true. He seems more cheerful now. I wonder

why?" "He's quit trying to make both

ends meet."-Birmingham Age-Herald,

relay which causes the printing ham-The horograph is operated by elec- mer to strike, giving the precise time. "Rasserby used to have a hard time WINDOW WASHING'S A WET JOB-MAKE IT DRY.

on a paper ribbon. It has given the

cates hours, the second minutes, the

Windows must be washed in the

TIMING AN AUTOMOBILE RACE WITH THE HOROGRAPH. A remarkable device for timing aero- tricity in connection with electroplanes and automobiles has been in- magnets, and is almost as quick in acvented by a Beloit (Wis.) man, and tion as the electric flash itself. It in-

and Vanderbilt cups at Chicago and Part of a second and prints a perman-

ter very small fractions of a second two cars travelling at a speed of becomes apparent when it is remem- miles an hour when the front wheels of bered that in such races the aeroplanes one car were overlapping the rear

pass to the hand holding the watch is with the instrument by throwing a too great and varies too much, accord- small switch when a car is seen to be ing to the temperament of the differ- approaching. As the car crosses the individuals, to make such records wire it gives an impulse to an electric

or automobiles are started separately wheels of the car in front.