

"She went to work here, saved up about \$200 and married again.'

MICHIGAN PARTLY DRY

Detroit, Mich., April 4-More than 300 saloons were voted out of busi-

April 8 .- Mr. Fox- | tunate accident naturally marred the hall Keene had a nasty fall while competing for the Ladies' Purse, the chief event of the annual Melton steeplechases. His horse, Precentor II

HOW THEY KISS.

ON FUTURE OF WARSHIPS "I have been keeping tabs on different kinds of kissers who come in here," said Gustave Melhauser, the

When he lectured last night before the Institute of Naval Architects on the future of the battleship Rear Ad-miral Bacon discussed a subject which

there report said: "a perfect pave-ment has not yet been found—no one paving material combining in itself all the desired qualities." The ques-tion than arises. What will be chos-en? A town may desire its main street paved in wood block or some other modern material, but one street in a town will not satisfy the people of this country in the next few years. The feeders to the main street and attention. From an economical view a town on such a transformation scheme as permanently constructed thor oughfares and residential street to the fact that statistics were taken from the roads of Macadam construction without recognizing the changes wrought by the steam roller and crusher. The broken stone road of today is quite a different structure from the type of road built by Macadam, who used hand broken stone that was practically uniform in size. laid on an unrolled base, without the from below, and the wheels powdered and broke some of the stone until its track. the voids were filled. The surface cess it took 18 inches of loose stone usual custom to specify that no stone A good serviceable crusher, having has led many engineers to believe not follow that in a broken stone re-handling. void filler, and now 6 inches and even sults.

even village, in Canada will be de-manding something better than the muddy earth roads with deep and dangerous ditches. Today many varieties of paving are used. One class may be preferable to another on a special thoroughfare to reduce the noise, or to increase the load for the same motive power, or to guarantee longer wear for city engineer, and a committee of the Vancouver council, after an ex-tended visit through the States, in their report said: "a perfect pave-the is a status of the same motive paver."

to every lot, maholes and catch bas-ins so arranged to take the water readily and rapidly and constructed to prevent silt and street waste from entering the sewers. Select a profile with a minimum grade of $\frac{1}{2}$ has been added. It is well known per cent. and a maximum of 3 per that the voids in loose machine brok. The the voids in loose machine brok are the voids in loose machine brok. The the voids in loose machine brok are the voids in loose machine brok are the voids in loose machine brok. The the voids in loose machine brok are the voids in loose are the vo

at town on such a transformation and is greater than most authorities is attact. The base or cross section of the subscription imported material generally in middy in spring or in fall must be that the the coal is more destruction. The thorough drainage to such a purpose. Traps of such a treefs as have been natural resources of supply in such constructed in the road is more destruction. The thorough drainage to found always, if possible, be the three transformation are treated as a service able street and many infacting is considered. Mud underest is almost as fascinating to the lays of the always traffic is not seriously met in towns a traffic is not seriously met in towns as traffic is not seriously met in towns as the forwar in all kinds of wearing structe, but such are depressions in a clay surface or which great depressions in a clay surface so the town in all kinds of pots when the local is not seriously met in towns as the provided for before the local is almost as fascinating to the desired interval to make good is than mud on the surface, so that way and lis there, soften the soil, underwing a traffic is not seriously met in towns a the process date may be as a great effect upon the desired interval to make good is that real road is a soin of frost. Although sandaton and wear, as does in ordering on the Russian and the Asiatic people around to the street's is likely to be swollen to for the street's is likely to be swollen to for the street is is likely to be swollen to a struct area to so destruction of frost. Although sandaton area wear this state area to so destruction of the street has a part of the street is is and as song the struct wear the struct we

London,

Mr Foxhall Keene

a young growing town. Many en-gineers exaggerate the cost of maingenetics cange of Macadam, which is due good grades and will drain naturally are not suitable for the bottom if rightly formed. Design a rather course surfaced with 2 or 3 inches flat arch for the road surface, with a of trap rock, and this is usually good crown or drop of 1 inch in 12 inches practice because trap will outwear on ordinary grades, thus it will be limestone or any other soft rock sev-possible to do the grading by horse eral times over.

instead of man power. nstead of man power. In quarrying it is most essential, For any method of road making or if cost is to be considered, to open paving which may be adopted a where considerable depth of face steam roller is requisite in order to can be obtained, and where little compact the earth road bed so that stripping is required. Drilling ought addition of a binder, and left to be it will sustain the wheels which will always to be done with power drills, compacted by passing wheels; the re- exceed 15 tons actual weight when of quarrying increases rapidly as the pass over it. The roller should not and it is well to remember the cost salts were the wheels cut ruts in the loaded, so proportioned as to distri- depth of the hole decreases; therefore loose stone until the soil worked up buted the weight on wheels which it is desirable to make the hole not cover and compass the full width of less than six feet deep. The cost of dynamite also varies as the depth of

Curbs and gutters are also essen- hole, decreasing per cubic yard excavthe voids were finder. The strike Curbs and gutters are also essen-soon gave way, owing to a defective sub-base, and the continuous system of repair became necessary, employ-gutter made of concrete cast in place ing a large staff of road men, which accounts for the heavy cost of main-tenance. In the then Macadam pro-

to make 12 inches of Macadam sur- in a broken stone road shall be over a 9x15 opening, should in 10 hours face; some text books therefore, state that the steam roller will com-claimed that if larger it will work to the use of a rotary screen is necespress loose stone one-third, which is the surface. If a mass of loose stone sary, having three sizes of circular press lose stone one-third, which is an error. Rolled as roads now are no such compression as this is pos-sible, although in some cases where the stone is placed upon improperly rolled sub-grades some stone is driven into the earth and lost, which the place made vacant; bat it does receive the broken stone and avoid stated that Telford or Macadam are fenders of the monster battleship are safe-not knowing that the police of

that the roller has compressed the stone one-third or more. This is but bound together with the addition of ing of spreading compel dumping on the roller has compressed the bound together with the addition of ing of spreading compel dumping on the roller has compressed the bound together with the addition of ing of spreading compel dumping on the roller has compressed the bound together with the addition of ing of spreading compel dumping on the roller has compressed the bound together with the addition of ing of spreading compel dumping on the roller has compressed the bound together with the addition of ing of spreading compel dumping on the roller has compressed the maintenance is so the torpedo.— Manchester waiting for this signal to grab them. as truth and accounts for too high surface if it is 2 inches below the ing a load in one spot results in un estimates of broken stone required in road construction. Macadam was as is so perfectly bound together if the spreader knows his business this class of pavement, are still anthe first to economize by utilizing that it is impossible for tilting to and tip-bottom wagons are used, he nually constructing miles of it. It emphatic confidence. from 6 to 12 inches of broken stone. take place, therefore larger stones will not allow the load to fall all in is true many Macadam pavements The stone crusher has further modifi- than 21 inches can be used in road one place, but dump in several small have gone to pieces under heavy ed the cost in road construction when the fines are used as a binder and route. when and now 6 inches and even the fines are used as a binder and route the same data a binder and route the destruction of our route the The introduction of the crusher output of several crushers are daily ments where improper construction or

inches of metal give excellent re-ults. In modern Macadam four important ter understanding of their constructfactors enter into its construction: tion. When stones are broken by cubic yards per day, thereby saving

has been nearly completed. It is nec-essary that the metal be well rolled before the screenings are added. If is a vessel of 20,250 tons; the Dreadan excess of binder and water are nought itself, it will be remembered, put on before the course stones are consolidated there is no doubt that Macadam can be compacted in a shorter time, but it will be difficult to properly bind the stones if any filler gets between the fragments of put on before the course stones are is only 18,000 But the Neptune is alfiller gets between the fragments of which figure in the new French pro-stones while they are loose. Careful gramme are to be 23,000 tons, and stones while they are loose. Careful gramme are to be 23,000 tons, and throws herself into his arms, you can Russia has already begun four vessels of that but excessive rolling of that size. The United States proinjure the road, especially if pose a much greater increase; the two strength and courage to every male will there has been too much wetting, or if the stone is either soft or brittle. programme are to be of 27,000 tons, "There is the 'sent for' k Sprinkling is a variable item us- and it is believed that the plans for scared, doubtful kiss of the girl who ually of little expense in a town where hydrants are conveniently plac-tons armed with 14in. guns and cost-man she has never seen. Perhaps she ed. It takes about 4 cubic feet of ing about £3,500,000 each. That is has been introduced to him by some water per cubic yard of Macadam to the present limit of the race started mutual friend in a letter. puddle the screenings, and an equal by the construction of the Dread- Swedish man in Minnesota has writamount to keep the sub-soil in com-pact condition, although in very it. And all the time to put aside find him some girl in 'Sma'land' that sandy soil twice as much may be re- other considerations, there will be, will make him a good wife-and here

sandy soil twice as much may be re-quired. Telford pavement consists of a bottoming of large stones usually no tless than 6 inches or not more than 12 inches deep set on edge and sup-porting a layer of Macadam. Telford is more adapted to wet soils not eas-ily drained and is preferable in a

constructing such roads and yet cities

forests."

of the hall stood up.

said .- Everybody's Magazine. Campbellton, N. B.

sweethearts from German wives as far as I can see or hear their kisses. I can see the en-

"There is the 'sent for' kiss! The Some

not economical pavements for a town fenders of the monster battleship are Hoboken and the customs inspectors

"And last, there is the holy kiss of

The lecturer raised his voice with made money enough to send for his old mother, and greets her as "I venture to assent," he said, "that there isn't a man in this with the light of wonder and hope in to prevent the destruction of our sand miles, or two thousand miles, forests." A modest-looking man in the back

the hall stood up. "I-er-I've shot woodpeckers," he to have been profitable last year to the gas companies.