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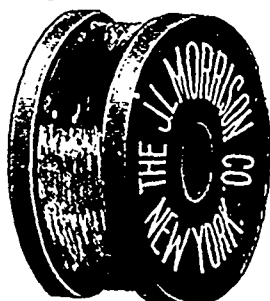
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### THE TERM "HORSE-POWER"

**A**N imperfect understanding of the term "horse-power" exists in more minds than that of the engineer who tried to get at his "horse-power per hour" by multiplying the actual horse-power by 60. The horse-power, says *Power*, is foot-pounds per minute just the same as revolutions per minute, and it is just as meaningless to say "horse-power per hour" as it would be to say "revolutions per minute per hour." If a shaft is turning at the rate of 120 revolutions per minute, we can designate its speed as two revolutions per second or 7,200 revolutions per hour, but the rate of motion stays the same.

The horse-power is the unit of the rate of power consumption, and whether the number of foot-pounds be divided by 550 per second, 33,000 per minute or

1,980,000 per hour, the rate of their production or consumption, and consequently the horse-power will be the same. When it is said, for instance, that an engine requires 30 pounds of steam per horse-power per hour, it is meant that 30 pounds of steam are required per hour, or one-half pound per minute, for each horse-power developed.

T. FISHER UNWIN and his wife, Jane Cobden Unwin, were visiting in Toronto last week as they were returning from the World's Fair. His wife is a grand-daughter of the great Cobden of Cornlaw fame, and was one of the first lady delegates to the London County Council. Mr. Unwin is a famous English publisher, and his name is familiar to Canadian publishers.