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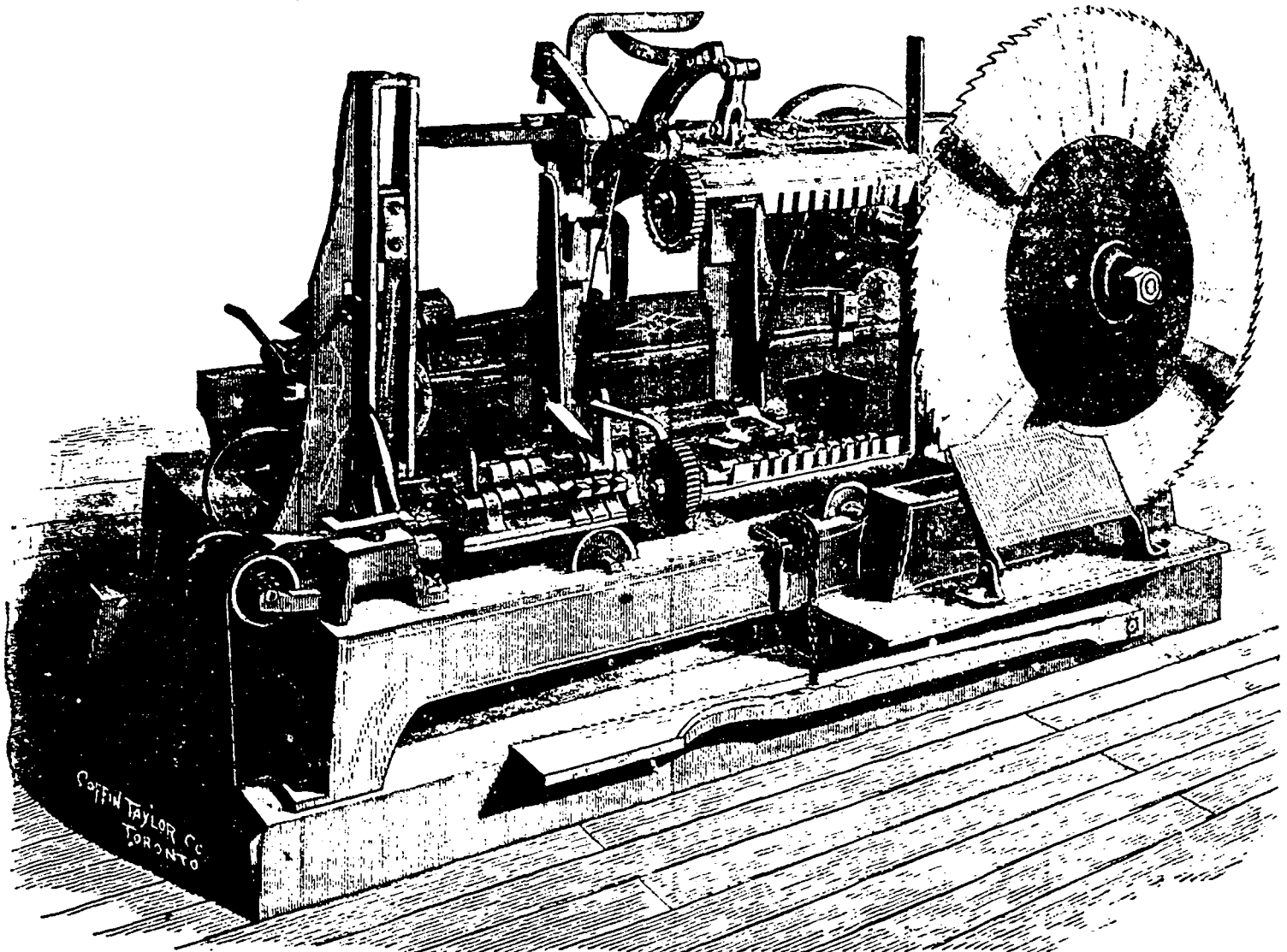
THE "BOSS" SHINGLE MACHINE.

It has very rarely occurred in the manufacture of machinery, for specific or particular work, that the inventor has been able at one step to produce a machine simple and complete in all its parts, and fitted to do the work for which it

with illustrate (which is the invention of Mr. Isaac M. House, of Gravenhurst) this latter thought is especially true. Mr. House has been engaged in the perfecting of machinery for the manufacture of shingles and lath for the last twenty years. He has at least four patents for

the sawyer. Buts or tips can be cut continuously at either end of the block, at the pleasure of the operator, thus enabling the sawyer to take the best shingles possible out of the material. Another very important improvement is in connection with the feed carriage, which travels at a

perations—strong and durable and not likely to get out of order. Its capacity is from 25 to 50 M. of shingles per day, according to the quality of the material and the speed at which the machine is run. We understand that these machines are already attaining quite a popular-



THE BOSS SHINGLE MACHINE.

was designed in a first-class manner. On the other hand, it is the experience of inventors and users of machinery, that by slow processes of development and minor improvements from time to time, crude and imperfect machines have been brought to such a state of mechanical perfection as to far exceed their most sanguine expectations. With the machine that we here-

shingle machines in the Canadian patent office, each of which is a marked improvement over its predecessor, but it was only within the last year that Mr. House was able to produce a machine which he believes will fully please every manufacturer. His machine has a number of excellent points about it. It is automatic in its operation, and thoroughly under the control of

fast rate of speed for narrow shingles, and at a slow rate of speed for wide shingles or heavy cuts; there is no jar about the carriage when reversing and the top jaw is raised by a foot lever instead of by hand, thus leaving the operator with both hands free to arrange or handle the block. The whole machine appears to be very simple and complete in all its parts and

ity and in some cases are displacing automatic machines of less modern design.

Mr. A. R. Williams, of the Soho Machine Works, Toronto, controls the patents for Canada and the United States.

MONTREAL papers are agitating for a graving dock for that city.