

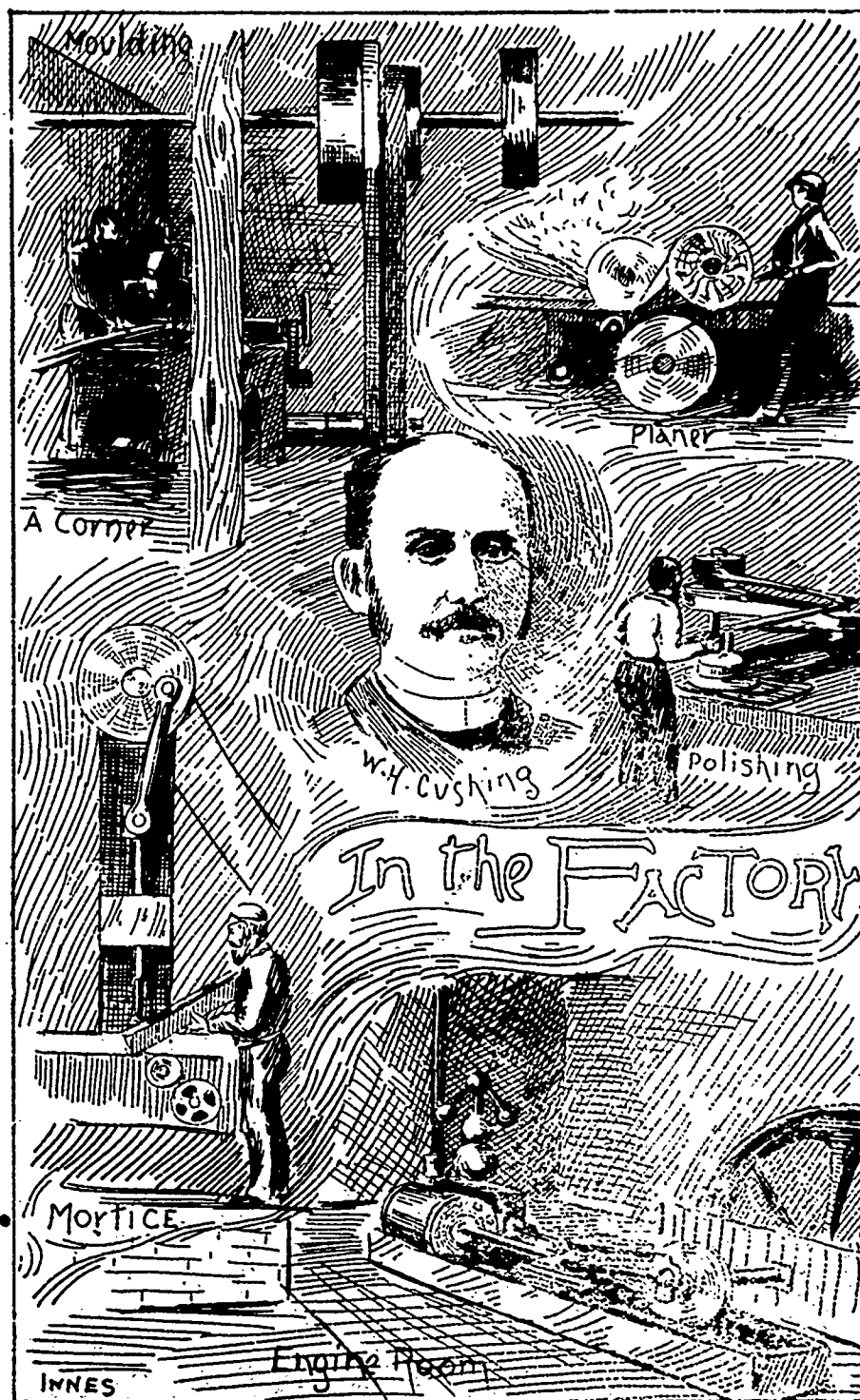
the word as a full-fledged door. The lumber is then taken to the planer, and afterwards to the rip-saw, where it is mutilated by being ripped into proper widths; then it is cut into proper lengths by another saw; some parts go to the mortiser and some to the tenoning machine; they afterwards are taken to the sash and door moulder, and at last the lumber assumes the shape for which it is intended and is put

together and taken to the "cramp," from which emerges a door, which after a good sand-papering, is ready for the market. Mr. Cushing said that if necessary he could make a door in less than five minutes, but at present the demand hardly calls for such expedition.

We then descend to the boiler-house, where a 25 h. p. engine with a large driving-wheel, 6 feet in diameter, is hard at work. The fuel used for the furnace is from the refuse of the factory and wood, and costs about \$2.00 a day. The machinery, which is by Cowan & Co., Galt, cost between \$5,000 and \$6,000. Attached to the factory is a glazing room and a store room, and going through the office we find ourselves once more on the street.

The visit was one full of interest and education. We learnt that every kind of builders' supplies were manufactured to order; that doors, window sashes, blinds, mouldings, scroll-work, turnings, frames of all descriptions, store front and fittings, stairs, etc., were manufactured in large quantities. Every visitor to Calgary should be taken to Cushing's factory, and we are sure the respected proprietor will be equally courteous in showing them over the building, as he was to ourselves.

Our artist gives a few sketches of what we saw on our visit.



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