

Sunshine Furnace has four triangular grate bars, each having three distinct sides. In the single-piece and two-piece grate no such-like provision is made for expansion or contraction, and a waste of coal always follows a shaking. On the left- and right-hand sides are cotter pins, which when

loosened permit the grates to slide out. These four grate bars are made of heavy cast iron, and are finished up with bulldog teeth. The teeth will grind up the toughest clinker ; and

because the grates are made in sections, not only can nothing but dust and

ashes pass through, but after each shaking a different side can be presented to the fire. Also, with the Sunshine grate there is no back-breaking movements attached to the shaking. By gently rocking the lever, first on the found then on the right, the ashes are released on both sides, and fall through

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"He's stropping himself, mister, jest stropping himself, and if you ask any more foolish questions around here we'll pull you off the train." And the tourist

## TRYING FOR A SIX-DAY HEN.

wisely withdrew.

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A facetious correspondent of the Toronto World informed that paper, according to a dispatch dated Guelph, July 4th, that an important scientific experiment was being conducted at the Agricultural College Poultry Department, based on the Darwinian theory of selection. It proceeds on the assumption that certain hens will be found that observe the Sabbath, laying only on six days a week, while certain roosters are believed never to crow on Sunday. When a sufficient number of hens have been secured, by selection, that are known positively never to lay eggs on the Sabbath, they will be mated with the best roosters selected for their seemly silence on the day of rest, and by continued rigid selection of the progeny, it is hoped to evolve a breed that will suit the most punctilious member of the Lord's Day Alliance. "It is believed that the idea first came through the excuse of a little boy who was late for Sabbath school, and who said he had to gather the eggs. This being reported to the Alliance -headquarters, led to the search for a six-day hen.'

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