

Fig. 1

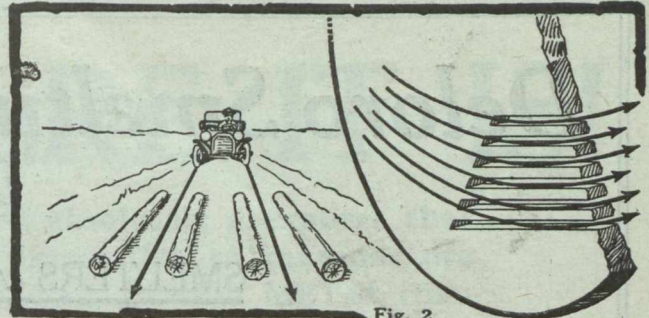


Fig. 2

## Discharge "with the movement of the mill" is *unimpeded* discharge

In the Marcy Mill there is a quick discharge of mineral and gangue as soon as it is sufficiently fine. That means a rapid change of mill content which results in large tonnage and high crushing efficiency. All this is accomplished by a properly designed grate and lifting compartment.

Study the above sketches. In figure 1, a mineral or gangue particle is being carried toward a line of vertical bars. Unless the particle hits an inter-

stice squarely in the middle, its course is deflected.

In figure 2, a similar particle is being rolled toward horizontally aligned bars. The length of the slot instead of the width of the slot is presented for the passage of the particle. This is a condition existing in all Marcy Mills—the grate bars running circumferentially; "With the Movement of the Mill." Note the grate in the illustration below.

Further points of Marcy Superiority are found in our booklet, "One Easy Step", sent for the asking

## The Mine & Smelter Supply Company

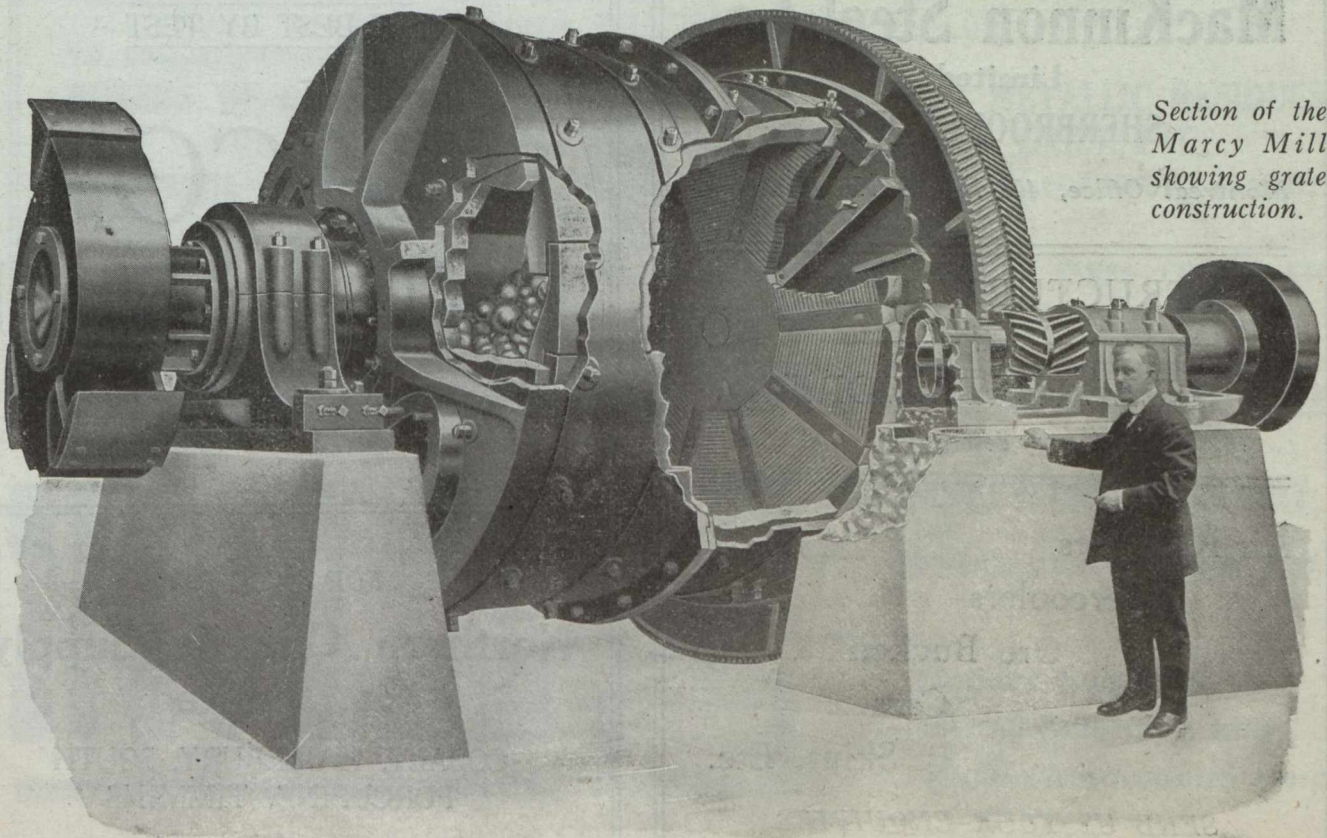
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Section of the Marcy Mill showing grate construction.