DICKEY, NEILL & CO.,

SOHO FOUNDRY,

TORONTO, ONT.,

MANUFACTURERS OF

Railway Cars and Railway Supplies,

Steam Engines and Boilers,

MARINE, STATIONARY AND PORTABLE.

Mill Machinery, Shafting and Gearing of all kinds.

Special attention given to the Construction and Equipment of

SAW MILLS,

Both GANG and CIRCULAR, on the most Modern and Improved Styles.

Steel Gates, Soho Friction Set Works for Circular Saw Mills, &c.,

(PATENTED MAY 17, 1870.)

This is an invention intended to so move the Log towards the Saw as to secure a uniform thickness of Lumber, and this it does with greater accuracy than any other known arrangement. It is very simple, and so constructed that it cannot wear nor break, and is the the only perfect Set Motion ever invented.

Canting Machines, Double Edgers, Butting Saws, Swing Saws, Stave Cutters, Gumming Machines, and every kind of Saw Mill Supplies.

SWARTWOUT'S OSCILLATING GANG.

We would respectfully call the attention of all engaged in the manufacture of Lumber to this valuable improvement in Vertical Saw Hangings. By its peculiar construction the Saw, on its downward motion, strikes at the bottom of the log first and continues an even pressing cut until the pitman reaches the forward centre, when the lower end recedes and the top is carried forward by inclined Slides, thus producing an even Rotary Cut. This Gang will carry a heavier feed with less power than any Mill working upon straight lines, and will increase the capacity at least 25 per cent.

SOLE MANUFACTURERS OF A. D. COLE'S SAMSON TURBINE WATER WHEEL

(PATENTED JULY 12, 1870.)

The Best Wheel manufactured on the Continent; will do more work, give more power and better satisfaction, with less water and expense, than any other Wheel, having beaten the Leffel Turbine 35 per cent. on the premises of Tuttle, Date & Rodden, St. Catharines, Sept. 1, 1870, in a side by side trial, *using only* 550 *inches* of water while the Leffel used 743 inches. In consequence the Leffel wheel was ordered out and one of our Samson Turbines substituted.

Agents in Canada for the Earle Steam Pump,

DICKEY, NEILL & CO., TORONTO.