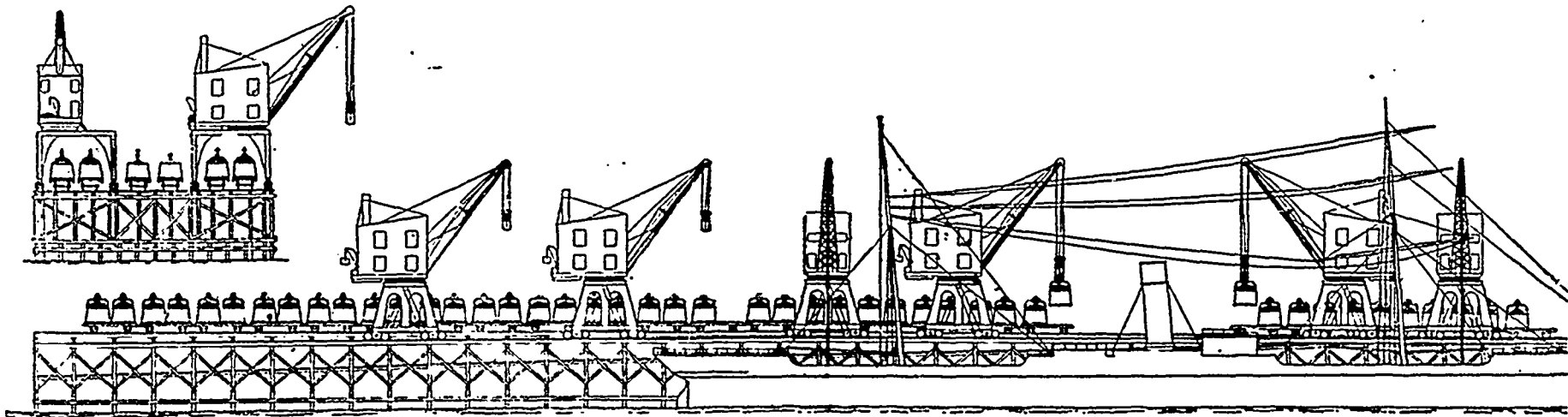
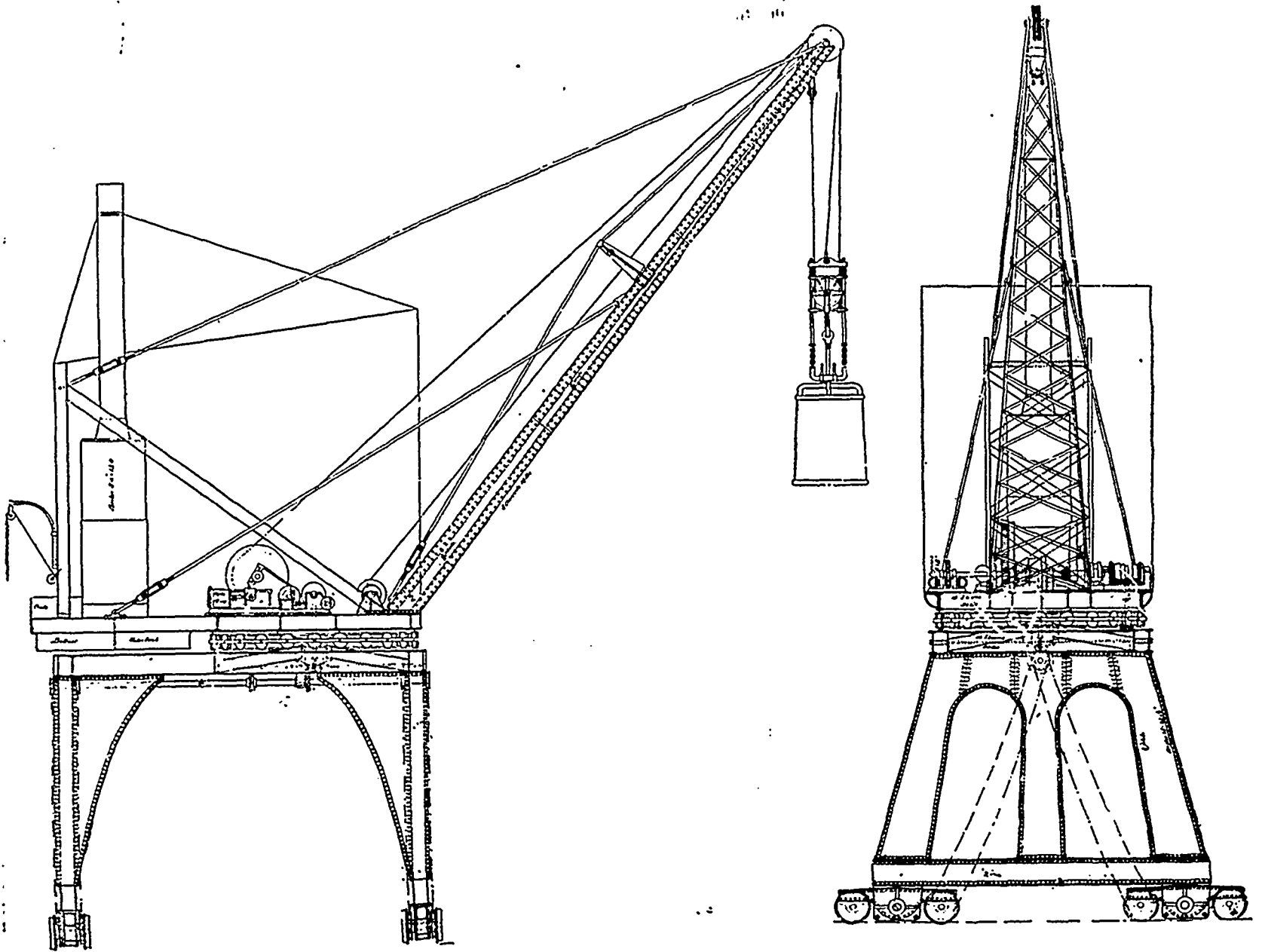




Dominion Coal Co. Ltd., International Pier.—The above illustrations show the improved coal-handling appliances now under construction by the Ludlow Manufacturing Co., Cleveland, Ohio. The pier is of following dimensions: Length, 605 feet; width, 92 feet; height, 27 feet. The derricks—12 in number—are of new design, 6 on each side of pier, and are built entirely of steel and iron, including the house, which makes them strictly fire proof. The main engine which does the hoisting and rotating are double 12 x 14 cylinders. For propelling a separate pair of engines, 6 x 8 cylinders are used. The lifting capacity of these machines is 15 tons. The buckets used are of the latest patent bottom dump, 100 inches in diameter and 64 inches high, and are tripped or discharged by the engineer at such depth in the vessel as he may desire. The buckets are placed upon flat cars and taken to the mines where they are loaded from the tippie. The cars are moved upon the track by gravity. This is the largest and most complete bucket plant in the world.