



MANNY'S REAPER AND MOWER.

The cut represents this celebrated machine as lately improved by Messrs. Walton & Co., manufacturers, at Holland Landing. Manny's machine proved itself in the trials at Paris, superior to *all* others in some points, and to *most* of its competitors, in all points. It can be changed from a Reaper to a Mower in a moment, and having used one last season, we do not hesitate to say, that as a mower it is quite equal to Ketchum's. Messrs. Massey & Co., of Newcastle, manufactured several of these machines last year, and though defective in some points,—which no doubt will be remedied hereafter they proved themselves well adapted to the wants of the Canadian farmer.

We refer the reader to the advertisement of Messrs. Walton & Co. for particulars, but we understand that one of the improvements - and if real, it is an important one—renders more easy the discharge of the grain at the side of the platform. The gearing is shortened and rendered more compact, and the small platform wheel is attached in a more substantial manner. If made of good materials, and by experienced workmen, we believe this machine will become a general favourite.

A STRATUM OF SALT UNDER NIAGARA FALLS.—E. Merriam, of Brooklyn, who has examined the rocks underlying the limestone bed of the Niagara River, states that he found a saline stratum under them. This stratum is the foundation of the great limestone walls which form the great cataract of Niagara, a frail structure it is, and it is in this stratum that the Niagara has the whole of its led below the Falls, and being soft, the water which falls over the Horse Shoe and over the American, north of Goat Island, has had no difficulty in sinking chasms of vast depth, into which the broken rock of the limestone walls, which compose the cataract, falls. This stratum extends over a large tract of country, watered by the great lakes, which seem to have a subterranean communication with the volcanoes of Hecla, in Iceland, and those of the southern part of the European continent, as the disturbance caused by the earthquake at Lisbon, in 1775, caused the agitation of the waters of Lake Ontario. He says that an immense volume of gas arises from the chasm into which Niagara plunges from the lofty precipices which form the Horse Shoe on the American fall, and might with proper apparatus be ignited—and when on fire would exceed in beauty the flames of the gas ascending from the deep ravines of the salines of Kanhawa, which give a column of flame of seventy feet in height. His conclusion, from all his observation, is, that the great falls do not date beyond the universal deluge.

NOBILITY and gentleness go hand in hand, and when I see a young man kind to his mother, and gentle and forbearing to his mother and sisters, I think he has a noble heart.—*Selected.*