

Morris & Miller, Perth, prize and diploma for a double reverse Compton loom; Mr. Baines, Toronto, prize and diploma for improved manufactured railroad iron-work; Moore & Childs, favourably commended elsewhere for other articles, a prize and diploma for a set of oil boring tools. Of sewing machines there were more than enough, and during the whole time the gallery was crowded with ladies who discussed with much emphasis the merits of this or the other according to their respective fancies; but when ladies differ how can we men decide; so we shall get out of the difficulty by advising "intending purchasers" to please themselves. We noticed a pretty machine for making button-holes, regretting that it did not at the same time sew on the buttons as well; and what took our fancy as one of the most ingenious and useful things on exhibition was a family knitting machine, which can produce all kind of articles from a baby's glove, to a lady's shawl; and the obliging young lady who "worked" it, actually ran off a well made sock, while she explained to us its mode of operation; the machine is made at Rochester, sold by Taylor & Middleton, (92 Yonge Street), it is well worth seeing, and richly deserved the prize and diploma awarded to it. Mr. Beebe, Markham, got a prize for an ingenious pump augur; Mr. Noah Piper, prize and diploma for three well-made serviceable ventilators and smoke conductors; Mr. Lazier, Belleville, got a prize for what seemed, in our judgment, a well-arranged and labour-saving double reeler and twister, with twelve spindles capable of spinning from thirty to forty knots per hour. Mr. R. D. Chatterton, Cobourg, so well known for his mechanical ingenuity and skill, received a prize for the model of a self-acting couple, as well as for an anticollision buffer for railway carriages, both inventions being intended to diminish, if not altogether prevent, the injuries attendant upon railway casualties. And although the machinery comprised, no doubt, many more articles deserving praise, still we cannot notice everything shown under this head; and we have no option but to close our remarks by highly commending the "extra" kinds of machinery which we consider to have been most creditable to the occasion, as well as to the parties exhibiting.

If in class 43, which includes metal work and stoves, the regular entries were not so numerous as they might be, yet the assortment of articles was very extensive, particularly in stoves, of which not less than 80 different patterns were exhibited, and 10 patterns of grates; while the style and quality of the work was of the first order. For example, the very large and beautiful assortment of copper-

smith's work shown by Booth & Co., which took the first prize, would have been a credit to any industrial exhibition in the old country, and great credit is also due to J. G. Beard & Sons, to whom the second prize was awarded. The assortments of engineers' work in brass, by Morrison & Ellis (first prize), Mr. John Ritchie (second prize), and Mr. George Harding, were in like manner highly creditable specimens of mechanical skill. The assortment of fire-arms, chiefly for sporting use, exhibited by Grainger & Son, was very handsome; and it was easy to see with half an eye that the laminated steel double barrel fowling piece only wanted to be held straight to ensure bagging the bird. To those who are compelled to resort to safes those of Taylor & Co., Toronto, and Kershaw & Edwards, were fine articles, and the former almost large enough for a bank; but as we have the misfortune to be unbelievers in burglar-proof and fire-proof safes, we must leave the merits of the question in other hands to determine. The gas-fixtures shewn by Mr. D. S. Keith were of the first quality, and met with corresponding reward, as did the plumbers' work shown by Messrs. Ritchie and G. Harding respectively. Opinions, and may be fancies, differ so widely as to the merits of cooking and other stoves, that, beyond admiring and praising nearly all that was exhibited, we must allow the judges' awards, as detailed in the Prize List, to settle all conflicting opinions,—the "iron tears that ran down Pluto's cheeks" would be the emblem of the troubled waters sure to be got into were we to pretend to decide between Toronto and Hamilton, or the adverse claims of a Beard, a McGee, or an Armstrong! The "extras" in this class are also pretty numerous, but as honours were awarded to everything that was worthy of notice, the prize list will of itself afford pretty much all the information that is necessary. In connection however with the stove question, it is a matter of regret that there was no entry for the prize for a "parlour grate, set so as to ventilate the room and economize fuel," a combination of advantages which calls for all the thoughtful ingenuity which can be brought to bear upon so important an element in domestic economy; and we venture to doubt whether "economy in fuel" was sufficiently taken into account in connection with cooking and hall stoves, and specially those intended for wood; as the fire chamber of some that we peeped into did not promise very well for wood at six dollars a cord! Messrs. Joseph & Co., exhibited a splendid display of gold and silver work, jewellery, watches, and other valuable and beautiful articles of great taste and ornament. Messrs. T. Russell & Sons, England, exhibited a magnificent