

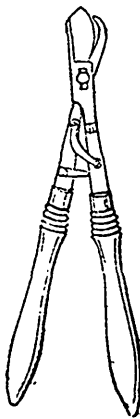
Mechanical.

OUR ILLUSTRATION.

In this number we give, and shall continue to do so, Wood Engravings of Agricultural Implements, and in doing so shall in this, as in all other departments of our paper, make them as *seasonable* as possible. We have been favoured by Mr. Horace L. Emery, of the Albany Agricultural Implement and Seed Store, with a number of Cuts, and take this opportunity of recommending him to our readers, as a man in whose integrity and fair dealing the fullest reliance may be placed, and his implements as being of the most approved construction and substantial workmanship. In connection with this subject, during a long and favourable opportunity of judging of the wants and wishes of the farmers of Canada, we have been painfully struck with the great want of ingenious and enterprising mechanics among us; and what has seemed to us surprising is, that from the difficulty and expense of importing implements, this should be so. The most indispensable requisites of Agricultural Implements are *durability* and *simplicity* of construction, and therefore requiring neither much mechanical skill or ingenuity in the manufacture. Every town and village in Canada would support, and ought to have one or more manufactories of implements, as, from the great wear and tear, farmers should be able to supply themselves near home, so that they might get them repaired with greater facility than by sending them long distances, in many cases impracticable, or by employing inexperienced hands. In cases where castings are used in their construction, they can only be properly repaired where manufactured. This is alone a strong argument in favour of farmers supplying themselves near home, that this great defect in our social system should exist, is in a great degree owing to the want of *enterprise* in our mechanics. The late fair at Cobourg exhibited a melancholy and striking contrast between them and our southern neighbours. We shall pay great attention to the MECHANICAL DEPARTMENT of our paper, and shall give illustrations and descriptions of such implements as we judge would

be of service. We are led to do this in the hope of inducing our mechanics to commence their manufacture. We have the advantage, by no means a slight one, of profiting by the ingenuity of our neighbours. One great error into which our mechanics have fallen is in endeavouring to find *customers before* making the implement, forgetting that *ten* farmers would by an approved implement, *when made*, thus enabling them to *see* its construction and mode of operation, to *one* who would order one to be made. Let our mechanics, before commencing the manufacture of any implement, be *sure* that it will answer the purpose for which it is intended, and they may rest assured of finding a ready sale for it. A long experience fully confirms us in this opinion. We shall at all times take pleasure in recommending to our readers such implements as we deem worthy. As an illustration of our remarks, we will mention a case that occurred, among others, with ourselves. We got an order from a distance for some implements, to procure which we were obliged to *order* a portion in Hamilton, another in Newmarket, and the remainder in Toronto, and *wait* until they were *made*; thus requiring the aid of three places before being able to procure what ought to, and would be found in a well-supplied Implement Warehouse.

SLIDING PRUNING SHEARS.



These have wooden handles, and differ from the lopping and branch shears in having a movable centre for the motion of one of the blades, by which means instead of a crushing cut they make a draw cut, leaving the section of the part attached to the tree or shrub smooth and sound, as if cut off with a knife. They are lighter and better finished than the lopping shears.

Lopping or Branch Shears.

These shears are a strong made article, with long wooden handles, and are very useful for cutting thick branches from trees, shrubbery, edges, etc. They are the same as the annexed figure, except the movable centre.