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INTERNATIONAL ENGINEERING CONGRESS, GLASGOW, 1901.

SECTION III. (MECHANICAL),

ARRANGED BY

The Institution of Mechanical Engineers.

AGRICULTURAL MACHINERY IN THE CANADIAN PAVILION AT THE GLASGOW INTERNATIONAL EXHIBITION, 1901.

BY MR. G. HARWOOD FROST, B.A.Sc., Smith's Falls, Ontario, Canada.

Agriculture is the art of cultivating the ground and obtaining from it the products necessary for the support of animal life. It is the oldest occupation of which we have any record, being mentioned in the earliest parts of the Bible, where we are told of certain persons being tillers of the ground and others being shepherds. The herding of sheep was confined to the mountainous districts, where the natural growth of grass afforded plenty of pasturage, and tilling the soil was carried on in the well-watered valley districts, where the periodic overflowing of the rivers fertilized the land and forced an abundant crop with little manual labour after the ground had been prepared for seed and the seed sown. Hence the processes of agriculture Const