

construction, in output, in economy of operation and in cost of permanent installation, so far supersedes my former efforts, that I need not take up any of your valuable time, discussing history, except in so far as that what follows may be "making history" for our successors.

The plant about which I propose to talk to you is based essentially on the wet machine process in its most advanced form. It is a plant which excavates **automatically** its own peat from the bog, puts it through a macerating machine and delivers this peat pulp on top of the bog in an even layer, cut in rows longitudinally and also across, making the wet process block, which before drying is usually about 5 x 5 x 10 inches. I propose to refer only to the manufacture of peat fuel up to and including the stage in which it is laid out upon the ground and dried. We shall have something unique to offer in regard to the collection of the dried material, but for the present we propose to adopt the methods so ably carried out by Mr. Anrep at Alfred.

Our plant is rather a new assemblage of proven parts, than an entirely new invention, although a number of new and useful devices are incorporated in the complete mill. It is no longer an experiment, but it is **a demonstrated success** and can now be seen in daily operation at the plant of the Canada Fertilizer Co., Limited, hardly 30 miles from Montreal, and as such, is worth your most careful investigation.

The design which made such a mill possible was suggested by two facts:

1. In every wet process peat plant is a lot of tracklaying and track shifting or its equivalent, to get the peat to its drying ground and to keep the plant up to a working face.

2. This could be entirely and successfully done away with by supporting the mill on what we will call travelling aprons, i.e. instead of wheels or broad rollers, a supporting device made up of wooden slats in the form of a continuous belt travelling around parallel axles on properly supporting wheels, the bottom side of which belt being kept rigid by proper guides.

With these two facts to work upon the first step was to construct a platform large enough to hold the motive power and a peat macerating