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PROVISIONAL SPECIFICATION.

Improvements in and relating to Beater Plates of Threshing Machines.

I, HARRY FISHER, of Kingfisher Steel Works, Rockingham Street, City of Sheffield, Manufacturer and Merchant, do hereby declare the nature of my invention to be as follows:—

5 Beater plates, which are long metal bars having deep corrugations or teeth formed diagonally across their outside or upper face are usually secured to the drum or other revolving framework by means of bolts passed through them, and it is to dispense with the trouble and expense of making these bolt holes through the teeth, and the use of specially formed bolts to restore the form of the tooth when cut away, that I propose a new method of fastening these plates.

40 I propose to construct, (preferably by rolling) a longitudinal rib upon the underside of the otherwise flat face of the beater plate, so that the cross section would resemble the form of the letter T, and through this rib I make the desired number of bolt holes.

15 The bed plates upon which the beater plates are usually fixed, I propose also to make with a depending edge prepared with a corresponding number of bolt holes, to enable the beater plates to be bolted thereto.

Where bed plates are not used, the rib upon the beater plate may be let into the wood drum or barrel, and be secured by means of the before mentioned holes.

20 The bottom edge of either the rib upon the beater plate, or that upon the bed plate may be returned so as to pass under the edge of the opposite rib and form a support.

Dated the 27th day of May 1895.

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25 **COMPLETE SPECIFICATION.**

Improvements in and relating to Beater Plates of Threshing Machines.

30 I, HARRY FISHER of Kingfisher Steel Works, Rockingham Street City of Sheffield, Manufacturer and Merchant do hereby declare the nature of this invention and in what manner the same has to be performed, to be particularly described and ascertained in and by the following statement:—

35 The beater plates to which my invention refers, are long metal bars having deep corrugations or teeth formed diagonally across their outside or upper face, and they are usually secured to the drum or other revolving framework by means of bolts passed through them, and it is chiefly to dispense with the trouble and expence of making these bolt holes through the corrugated surface, and to avoid the use of specially formed bolts to fill up the gap and to restore the form of the tooth which the bolt hole partially cuts away, that I have invented a new method of fastening these beater plates.

[Price 8d.]