

14. DRAWINGS.

(To be in duplicate.)

Each sheet on tracing linen shall contain the following: The title of the invention on the top of the sheet; the following certificate at the bottom: "Certified to be the drawings referred to in the specification hereunto annexed," and signed by the inventor or his attorney; place, date, and signature of two witnesses.

15. FOR AN ART OR PROCESS.

To all whom it may concern:

Be it known that we, Marion Ellsworth, of Chicago, County of Cook, and State of Illinois, gentleman, and Joseph Richard Shaw, of Indianapolis, County of Marion, and State of Indiana, gentleman, have jointly invented a new and useful improvement in the art or process of separating smut and other impurities from wheat, and we do hereby declare that the following is a full, clear and exact description of the same:

Take of lime, newly slacked and while yet warm, one and a half pound to each one hundred pounds of wheat. Mix the lime well with the wheat, let it stand one hour, then pass it through a smut mill in the usual way and it will be found that all the lime, smut, dirt and other impurities attached to the wheat, of every kind, and which no smut mill without our liming process will fully separate, will be entirely removed, and the flour will be as white and as sweet as though made from the best of wheat.

We are aware that lime has before been used for the purpose of cleaning wheat, being first mixed with the grain as above proposed and the whole being then passed through a smut mill; but in all previous processes, so far as we are aware, the lime has been used in a cold state, and for this reason such processes prove ineffectual. We propose to take lime *newly slacked, and while yet warm.*

What we claim as our invention, and desire to secure by Patent, is: the process of cleaning wheat by mixing with it lime newly slacked and warm before passing it through a smut mill, so as to cleanse the wheat from all impurities, substantially as described.

MARION ELLSWORTH.
JOSEPH R. SHAW.

CHICAGO, 1st September, 1887.

Signed in the presence of
MAURICE JONES, }
HENRY ELIAS. }