C. Gay.
Silk Weaving.
Patented Oct. 6, 1835.
Jamail Gay, Poughkeepsie, Dutchess Co., New York

The schedule referred to in their Letter Patent and making part of the same containing a description in the words of the said Jamail Gay himself of his improvement in the hurdle for reeling silk worms.

To all to whom these presents shall come, G.

Jamail Gay of the Town of Poughkeepsie in the County of Dutchess and State of New York, send greeting.

The hurdle for reeling and producing silk worms, upon, are or should be made of a horizontal four sides frame of convenient width and lengths and latticed with cane or twine either rectangular or having interstices between each. Half of the cane or thread of twine which makes an interstice should be of such dimensions that the silk worms will lie and feed upon them and the latter of the worms fall through.

Now Be it known that Jamail Gay have invented and applied to use a revolving flaps for receiving upon it and removing the latter of the silk worms which falls through the hurdle as above mentioned. The specification of which new and useful invention for receiving and removing the latter of silk worms is as follows. The revolving flaps for a single hurdle is constructed by placing in a frame or otherwise at and immediately under each end of the hurdle a roller or cylinder in length equal to least to the width of the hurdle. Over these cylindrical rollers, extending from the outside of the periphery of the one roller and around that of the other is affixed an endless flaps of cloth or other flexible substance equal at least in width to the width of the hurdle. This flaps being drawn tight around the rollers and the ends fastened together, lend to revolve around both rollers by turning them by a crank affixed to the axle of one of them, or by otherwise revolving the rollers. The endless flaps being thus constructed receive the latter from the hurdle as it falls through, exhaust latter causing a sam
revolution of the paper is removed from under the bundle and caused to fall in a heap at one and either end of the bundle or may be suffered to fall from the apone either upon the floor or in a vessel placed at and partly under the end of the bundle and below the outer finishing of the roller. In case two or more bundles be placed on top of one above the other the same or may be used, in which case an endless and separate apone is required for each bundle. But the best method, the most convenient and least expensive form of operating, and which I claim as a constituent part of my invention is constructed as follows. Let there be rollers or cylinders placed under each end of each bundle the same as in case of a single bundle to one roller below the lower bundle and one of an apone of the kind and proportionate width first above specified, but this apone may under the opposite roller over the roller next immediately above that and the roller next immediately above the next roller to which the apone is attached over the next above roller and under the next opposite one and so on according to the number of bundles in the tier into the apone reaches the last roller to which the apone should be attached after adding to the length of the apone equal to at least one and a half the length of one of the bundles which should be burred upon the last mentioned roller. The apone thus going under each bundle receiving all the litter fully from each which litter is discharged first at one end and next at the other end of the bundle by turning the first mentioned roller so as to wind over and around a quantity of the apone equal to the length of the above bundle, which winding causes an equal quantity of the apone to unwound from the roller to which the other end of the roller is attached, after which is thus discharged from the apone the apone is in part to be again wound around the upper roller as first above mentioned so to remain until the litter is again discharged. What I claim as my improvement and wish
To secure dry Letter Patent in the rearing of silk worms, is the
application of a revolving apron or shelf, placed under the
bundle upon which the worms are fed for the purpose of receiv-
ing and removing the letter falling from them, and this claim
whether the same be made exactly in the way described or in
any other, operating substantially on the same principle and by
which a similar effect is produced.

Witness

William Paydon

Phr. P. Jones

Samuel Gay

Patented 6th Oct. 1835.