expanding horse hoe were among the various styles of cultivating implements that were used in England one hundred years ago, many of which were then exported to America and used for fining the soil and also for working between rows of corn. Sowing at that time was generally done broadcast by hand. An expert sower could do the work comparatively rapidly and well.

SARY-HARRIS CULTIVATOR.

IN CORN CULTI-

Jethro Tuli is credited with having originated the horse hoe and cultivator, and also with having invented the horse drill. This was about 1730, but he was not able to popularize his system, and but little mechanical seeding was done until near the close of the eighteenth century, when various seeding machines were brought out. One

