

longitudinal centerline and is parallel with it. The DAPC is pivotally mounted near the top of the vertical column via a pivotally mounting end 47p as shown in FIG. 5, so as to allow pivot in the direction of the centerline and the DAPC extends from the back end towards the front end. The DAPC support column has a rest block 44 which holds the DAPC at an angle of from about 3 to about 20 degrees off vertical. A presser foot 2 as shown in FIGS. 5, 5A and 5B, is pivotally mounted to the head of the DAPC piston. The cyclic controls of the masa delivery to the presser foot comprise a masa container having masa motivating means. The DAPC has a supply of compressed air that is remotely control as indicated by the symbolic presser foot and hose 10i as shown in FIG. 5. to expand and/or contract the DAPC causing the presser foot to press and slide along the plank and to retract. The FIG. 4 or the FIG. 5 systems are employed to control the masa delivery and the DAPC to effect the spreading of masa on a leaf. A spring connected to the lower end of the DAPC cylinder 42s as shown in FIG. 5 and to the area of the plank behind the rest block provides downward thrust bias to the presser foot as the piston is extended to produce a masa spreading stroke as indicated by the arrows indicating motion 47z as shown in FIG. 5C. The embodiment can be made so that the plank is to either side or is re-configurable so that left or right handed operators can reconfigure to their advantage as indicated by the opposite indicated schematics 42lh and 42rh as shown in FIG. 5.

I claim:

1. A tamale masa spreading tool for the efficient, sanitary production of tamale blanks; comprising; a generally flat planar rectangular trowel presser foot having a top side and a bottom side; said presser foot having at least one hole through it and said hole is constructed and arranged for accepting and firmly attaching to a sanitary tubular conduit so that tamale masa can be sanitarily rigidly disposed within the tube, unexposed to atmosphere wherein said tube further including a piston; actuated by finger pressure or mechanical pressure applied to said piston thereby dispensing said masa through the conduit and presser foot to the bottom side through said hole of said presser foot for smearing and adhering said masa onto a leaf.

2. The tamale masa spreading tool of claim 1, wherein said presser foot has a pair of parallel edges and skids protruding from said edges about $\frac{1}{16}$ inch to about $\frac{1}{4}$ inch and being from about $\frac{1}{16}$ inch wide to about $\frac{5}{16}$ inch wide, said skids running along the edges on the underside of said presser foot for substantially the length of the presser foot.

3. The tamale spreading tool of claim 1, wherein said presser foot includes first and second parallel opposite sides and edges and skids protruding from said edges about $\frac{1}{16}$ inch to about $\frac{1}{4}$ inch and being from about $\frac{1}{16}$ inch to about $\frac{3}{16}$ inch wide, said skids running along the edges on the underside of said presser foot, for substantially the length of the presser foot; said masa presser foot further including a nipple portion communicatively connected to a flexible conduit which is in further communication with a masa container and wherein said presser foot is constructed and arranged to include means for pivotally mounting said presser foot to a mechanical presser arm or having a neck which is usable as a handle.

4. The tamale spreading tool of claim 1, wherein said presser foot includes a pair of parallel edges and skids protruding from about $\frac{1}{16}$ inch to about $\frac{1}{4}$ inch and being from about $\frac{1}{16}$ to about $\frac{3}{16}$ inches wide, said skids running along the edges for the length of the pressure foot; said pressure foot including a tubular conduit which includes a first end and a second neck end wherein said second neck

end is in communication with a sanitary, cleanable refillable masa container comprising a removable substantially air tight top, said container in operative communication with a supply of compressed air wherein the compressed air causes the masa contained within the container to be dispensed through the presser foot and wherein the flow of masa is controlled by means of a finger trigger switch mounted near said second neck end, foot operated switch; finger operated valve or digital programmable actuating controller and combinations thereof.

5. The tamale spreading tool of claim 1 wherein the said presser foot tubular conduit further includes a first trowel end and a second neck end wherein said second neck end communicates with a sanitary, pressurizable refillable masa container including a removal top wherein the presser foot includes means for a controlled dispensing of masa from said spreading tool.

6. A sanitary masa spreading system comprising a masa motivating tubular container in communication with a presser foot; wherein said container is sealable, cleanable, constructed of food handling material, refillable, masa container wherein said container include masa motivating means which is selected from the group consisting of tube squeezing means, motorized piston advancing means, ratchet and pawl piston advancing means, lever operated piston advancing means and screw drive piston advancing means; and wherein either said piston advancing or tube squeezing means is regulated and controlled via means selected from the group consisting of one or more manual or automatic actuation, foot actuation, digital actuation and a combination thereof; and wherein said communicated presser foot means is selected from the group consisting of a flat trowel, a flat trowel having skids, an oval mouth funnel foot, an oval mouth funnel foot having a dependent offset lip and an oval mouth funnel foot having a depended offset lip, said lip further including protruding skids.

7. A cleanable masa conduit funnel presser foot comprising a nipple portion and a flat funnel shaped oval mouth portion wherein the two portions are continuous in a single piece construction, said presser foot includes a nipple section and oval mouth portion having a wide dimension of from about 2 inches to about 6 inches and a narrow dimension from about $\frac{1}{16}$ inch to about $\frac{3}{8}$ inch and wherein said wide dimension include extreme ends; and wherein said presser foot is constructed and arranged of a textile compatible for receiving tamale masa inflow communication through its nipple portion that is delivered under pressure and capable of dispensing said masa exiting the mouth portion to a leaf.

8. A cleanable masa conduit funnel presser foot of claim 7, wherein said mouth has a trowel lip portion extending from about $\frac{1}{16}$ inch to about 6 inches beyond said mouth and extends the width of said mouth.

9. A masa conduit funnel foot of claim 7, wherein said mouth includes a trowel lip portion which extends in length from about $\frac{1}{16}$ inch to about 6 inches beyond said mouth and wherein said lip further includes a first and second edge along said wide dimension extreme ends and where said nipple portion is a continuous single piece construction with a cleanable masa container.

10. The conduit funnel presser foot of claim 7, in operative connection with a tubular masa motivating container; said presser foot comprising an elongated hollow nozzle body having an outlet face and wherein said nipple section is fluidly connected to a pressure supply which is fluidly connecting to the masa motivating container to apply masa to a leaf wherein said outlet face includes inner leading edge