W. S. PLUMMER.

Peach-Parer.

No. 208,988. Patented Oct. 15, 1878.

Fig: 1.

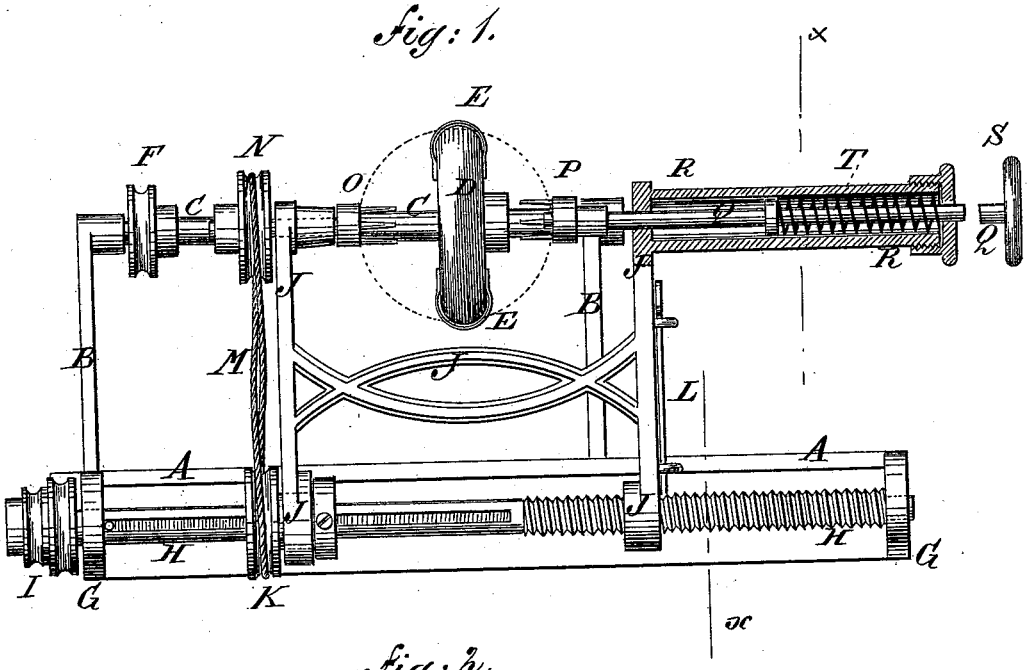
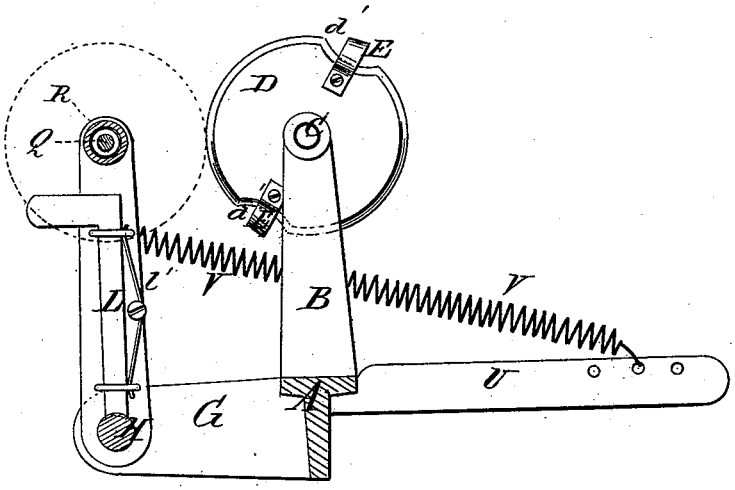


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM S. PLUMMER, OF EAST PORTLAND, OREGON.

IMPROVEMENT IN PEACH-PARERS.

Specification forming part of Letters Patent No. **208,988**, dated October 15, 1878; application filed February 28, 1878.

To all whom it may concern:

Be it known that I, WILLIAM S. PLUMMER, of East Portland, in the county of Multnomah and State of Oregon, have invented a new and useful Improvement in Peach-Parers, of which the following is a specification:

Figure 1 is a front view of my improved machine, partly in section to show the construction. Fig. 2 is a cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved machine for paring peaches which shall be simple in construction, convenient in use, and effective in operation, paring the peaches rapidly and thoroughly.

The invention consists in the combination of the wheel provided with the notches, the cutters, and the shaft, the shaft provided with its screw-thread and groove, the swinging frame provided with its bar and spring, the forks, and the case and spring, and the spring, with each other and with bar and its arms, as hereinafter fully described.

A is a bar, which is designed to be secured to a bench or other suitable support. Upon the bar A are formed two upwardly-projecting arms, B, in bearings in the upper ends of which revolves a shaft, C. To the shaft C is attached a wheel, D, in the opposite sides of the rim of which are formed two notches, *d'*. E are two U-shaped knives or cutters, the ends of which are attached to the sides of the wheel D at the notches *d'*, so that the bends of the said cutters may project beyond the rim of the wheel only far enough to cut through the skin of the peach.

To the shaft C, near one end, is attached a pulley, F, to receive the band, by which motion is given to it from any convenient power.

Upon the bar A are formed two forwardly-projecting arms, G, in bearings in the ends of which revolves a shaft, H. To one end of the shaft H is attached a cone-pulley, I, to receive a band, by which motion is given to it from any convenient power. One half of the shaft H has a screw-thread cut in it, and the other is smooth and has a longitudinal groove cut in one side. J is a frame, the ends of the side bars of which project downward, and in one of said ends is formed a hole large enough to receive and slide upon the screw-thread of the shaft H. The end of the other side bar of the frame J has a hole formed through it to receive and ride upon the hub of the pulley K, placed upon the smooth part of the shaft H, and provided with a tongue or screw to enter the groove of the said shaft H, so that the said pulley may be carried around by and with the said shaft H.

In keepers attached to the side bar of the frame J, that rides upon the screw-thread of the shaft H, is placed a bar, L, the lower end of which is so formed as to fit into the screw-thread of the shaft H, so that the frame J may be moved longitudinally by the revolution of the said shaft. By drawing the bar L upward the longitudinal movement of the frame J will be stopped, and the said frame can be slid back to its former position. The bar L is held in either position by a spring, *l'*, which presses against it, and which is attached to the side bar of the frame J. Around the pulley K passes a band, M, which is crossed and passed around a pulley, N, attached to the shank of the fork O, pivoted to the upper end of the side bar of the frame J. P is another fork, the shank Q of which is made long, passes through the upper end of the other side bar of the frame J, through a cylindrical case, R, attached to said end, and has a hand-wheel or knob, S, attached to its end for convenience in operating it. In the case R is placed a spiral spring, T, one end of which rests against the cap of the case R, and its other end rests against a shoulder or collar formed upon or attached to the shank Q.

By this construction the peach while being pared is held by and between the forks O P, and the fork P can be drawn back to attach and remove the peach without stopping the machine.

Upon the bar A is formed a rearwardly-projecting arm, U, to which is attached one end of a spiral spring, V, the other end of which is attached to the frame J, to hold the peach forward against the wheel D with a yielding pressure, so that the cutters may follow the inequalities of the peach and remove all the skin from it.

With this construction the cutters E cut the

skin from the inner side outward, and only cut to the depth to which the cutters are adjusted.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the wheel D, provided with the notches d', the cutters E, and the shaft C, the shaft H, provided with its screw-thread and groove, the swinging frame J, provided with its bar and spring L l', the forks O and P, the case R, and spring T, and the spring V with each other and with the bar A and its arms B G U, substantially as herein shown and described.

WILLIAM SYLVESTER PLUMMER.

Witnesses:
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