CLAIMS

1. A surgical forceps comprising:

a drive pin;

an outer tube defining a longitudinal axis;

a first jaw pivotably connected to the outer tube, the first jaw including a pair of flanges located at a proximal portion of the first jaw, each flange including a track receiving the drive pin;

a second jaw connected to the outer tube; and

an inner tube located within the outer tube and extending along the longitudinal axis, the inner tube including a pair of arms extending from a distal portion of the inner tube, the drive pin securable to the pair of arms, and the inner tube translatable within the outer tube to drive the drive pin along the tracks to move the second jaw between open and closed positions.

2. The surgical forceps of claim 1, wherein the second jaw is pivotably connected to the outer tube.

3. The surgical forceps of any of claims 1–2, wherein the second jaw includes a second pair of flanges located at a proximal portion of the second jaw, each of the second flanges including a second track receiving the drive pin.

4. The surgical forceps of claim 3, wherein the inner tube is translatable within the outer tube to drive the drive pin along the tracks and the second tracks to move the second jaw between open and closed positions.

5. The surgical forceps of any of claims 1–4, wherein the pair of arms are located laterally outward of the pair of flanges.

6. The surgical forceps of any of claims 1–5, further comprising:

a blade located within the inner tube and extending parallel to the longitudinal axis, the blade translatable to extend between the pair of flanges.

7. The surgical forceps of claim 6, wherein the blade extends axially through the inner tube offset from the longitudinal axis.

8. The surgical forceps of claim 7, wherein the second jaw includes a second pair of flanges located at a proximal portion of the second jaw, each of the second flanges including a second track receiving the drive pin.

9. The surgical forceps of claim 8, wherein in the blade extends axially through the flanges in a position laterally inward of the first of flanges and the second set of flanges.

10. The surgical forceps of any of claims 3–9, wherein the first set of flanges is interlaced with the second set of flanges.

11. The surgical forceps of any of claims 3–10, wherein the first set of flanges are located laterally inward of the second set of flanges.

12. The surgical forceps of any of claims 1–11, wherein the first jaw is curved with respect to the longitudinal axis.

13. The surgical forceps of any of claims 3–12, further comprising:
a pair of wires extending axially through the first set of flanges and the second set of flanges in a position laterally inward of the first set of flanges and the second set of flanges.

14. The surgical forceps of any of claims 11–13, wherein the inner tube comprises:
a pair of axial tracks located on opposite sides of the inner tube, the pair of axial tracks arranged to receive a guide therein, the guide secured to the outer tube.

15. The surgical forceps of claim 14, wherein the inner tube is movable relative to the guide as the inner tube translates relative to the outer tube,

proximal portions of the respective axial tracks engageable with the guide to limit distal translation of the inner tube relative to the outer tube.

16. A forceps comprising:

a drive pin;

an outer shaft extending along a longitudinal axis;

a first jaw pivotably connected to the outer tube including a first set of flanges, each first flange including a first track receiving the drive pin therein;

a second jaw connected to the outer tube; and

a cam shaft positioned within the outer shaft and extending along the longitudinal axis, the cam shaft including distal arms positioned laterally outward of the first set of flanges, the drive pin connected to the distal arms to connect to the cam shaft to the first flanges, the cam shaft translatable in a first direction along the outer shaft to drive the pin along the first set of tracks to open the first jaw relative to a second jaw, and the cam shaft translatable in a second direction opposed to the first direction along the outer shaft to drive the pin along the first set of tracks to close the first jaw relative to the second jaw.

17. The forceps of claim 16, wherein the second jaw is pivotably connected to the outer tube, wherein the second jaw includes a second set of flanges, each second flange including a second track receiving the drive pin therein, and wherein the second jaw movable relative to the first jaw between open and closed positions.

18. The forceps of claim 17, wherein the distal arms are positioned laterally outward of one or both of the second set of flanges.

19. The forceps of any of claims 16–18, wherein the first set of tracks is proximal to the pivotal connection between the first jaw and the outer shaft.