an elastomeric cleaning material associated with the wire bonding machine into which an end of the capillary tube penetrates while still attached to the wire bonding machine to refurbish the capillary tube and remove debris from in and around the capillary tube.

20. The apparatus of claim 19, wherein the wire bonding machine further comprises a wire bonding machine having ultrasonic assist.

21. The apparatus of claim 19 further comprising an inert gas source that passes through the capillary tube to push debris inside of the capillary tube into the elastomeric cleaning material.

22. The apparatus of claim 19, wherein the elastomeric cleaning material further comprises a cross linked polymer layer.

23. The apparatus of claim 19, wherein the elastomeric cleaning material further comprises an elastomeric cleaning device having a cleaning layer and one or more intermediate layers underneath the cleaning layer, wherein the one or more intermediate layers having predetermined characteristics.

24. The apparatus of claim 19, wherein the elastomeric cleaning material further comprises one of a carrier, a substrate and a frame having an elastomeric cleaning layer.

25. The apparatus of claim 24 further comprising a handler that handles a plurality of semiconductor devices being wire bonded by the wire bonding machine and that handles the elastomeric cleaning device when the capillary tube is being cleaned.

26. The apparatus of claim 19, wherein the elastomeric cleaning material further comprises a carrier and an elastomeric cleaning layer wherein the capillary tube is inserted into the elastomeric cleaning layer.

27. The apparatus of claim 26, wherein the carrier is one of a wire bonding machine cleaning block and a wire bonding machine cleaning pad and further comprising a machine that moves the capillary tube into proximity of one of the wire bonding machine cleaning block and the wire bonding machine cleaning pad.

28. The apparatus of claim 19, wherein the elastomeric cleaning material has a specific gravity, an elasticity, a tackiness, a thickness and a porosity.