

CLAIM LIMITATION SUMMARY OF U.S. 10,820,446 B2 – CLAIM 1

Limitation [pre]: “An appliance immersion cooling system comprising:”

Limitation 1[a]: “a tank adapted to immerse in a dielectric fluid a plurality of electrical appliances,

Limitation 1[b]: “each in a respective appliance slot distributed vertically along, and extending transverse to, the long wall of the tank,”

Limitation 1[c]: “the tank comprising: a weir, integrated horizontally into the long wall of the tank adjacent all appliance slots, adapted to facilitate substantially uniform recovery of the dielectric fluid through each appliance slot;”

Limitation 1[d]: “a primary circulation facility adapted to circulate the dielectric fluid through the tank, comprising: a plenum, positioned adjacent the bottom of the tank, adapted to dispense the dielectric fluid substantially uniformly upwardly through each appliance slot;”

Limitation 1[e]: “a secondary fluid circulation facility adapted to extract heat from the dielectric fluid circulating in the primary circulation facility, and to dissipate to the environment the heat so extracted; and”

Limitation 1[f]: “a control facility adapted to coordinate the operation of the primary and secondary fluid circulation facilities as a function of the temperature of the dielectric fluid in the tank.”