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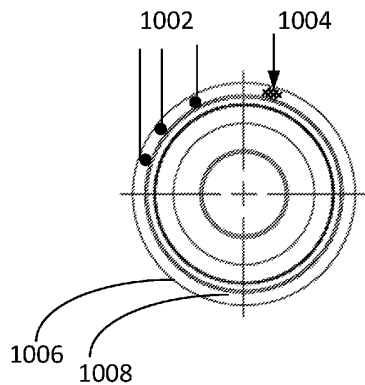


FIG. 10A

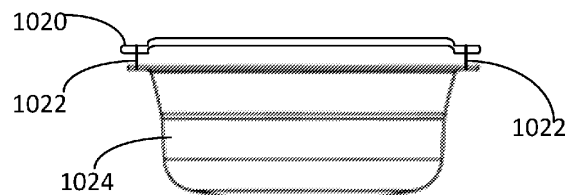


FIG. 10B

(57) Abstract: This disclosure provides a method for bonding two biodegradable materials, which comprising configuring a carrier (1006), said carrier (1006) comprising a composite material with fibrillated cellulose having independently derived plant fibers, said composite material being generally free from toxic chemical additives, said chemical additives adapted for improving dry tensile strength, enhanced oil barrier, gas and/or liquid impermeability, a dry tensile modulus, or a dry tensile index; wherein the carrier (1006) comprises walls connected to a base at one end for defining a volume, said carrier (1006) further comprising a lip (1008) extending from the other end of the walls; configuring a cover (1020) having a portion thereof to engage the lip (1008) of the carrier (1006) at an engagement zone (1118); and infusing a filler (1022) at the engagement zone (1118) to enclose the volume defined by the carrier (1006).



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