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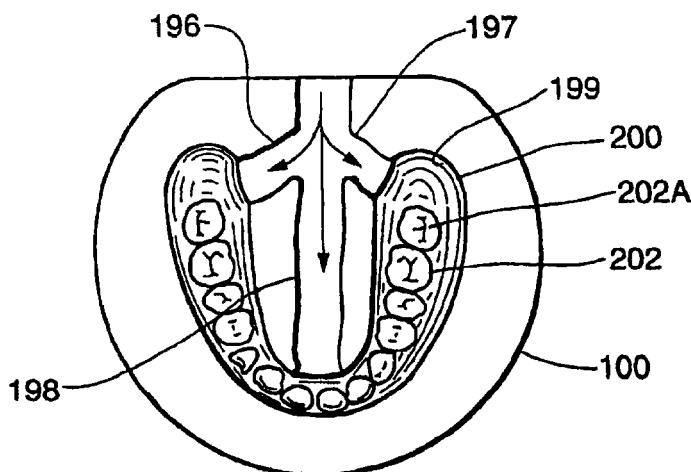
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(54) Title: DENTAL PRODUCT, KIT, SYSTEM AND METHOD



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(57) Abstract: The invention provides a dental device comprising thermoplastic polyamide having a Charpy notched impact strength of at least 3.5 ft-lb/in². Preferably the polyamide comprises at least 10 percent by weight of micro-crystals having a largest dimension less than 750 nanometers. Preferably the device is a Denture base, denture, partial denture, clasp, splint, or night guard. Preferably the polyamide has an opacity of less than 30 percent. The invention provides a metal cartridge container containing particles of thermoplastic polyamide effectively free of pigment. The metal cartridge is used in a method of making a partial dental prosthesis having a substantially transparent clasp. First a substantially transparent thermoplastic is injected into a first portion of a mold cavity of a mold containing an artificial tooth, and then a substantially opaque thermoplastic injecting into a second portion of the mold cavity. The removable partial dental prosthesis formed includes an artificial tooth supported by a base integrally connected to a clasp, wherein the base includes pigment and is substantially opaque, and the clasp is substantially transparent and effectively without pigment.



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