

'833 Claim Mapping Table
1[pre]: A wearable electronic device comprising:
1[a]: a body part made of a non-ceramic material,
1[b]: having an inner surface and an outer surface,
1[c]: wherein at least one cavity is formed on the inner surface of the body part,
1[d]: the at least one cavity extending from the inner surface of the body part towards the outer surface of the body part and having a depth arranged within the inner surface of the body part,
1[e]: an electronic part arranged in said at least one cavity,
1[f]: which electronic part has a thickness that is less than the depth of the at least one cavity, and
1[g]: a coating made of a moldable filler material on the inner surface of the body part, covering the electronic part and the at least one cavity.
2: The wearable electronic device according to claim 1, wherein the non-ceramic material is a titanium material.
3: The wearable electronic device according to claim 1, wherein the non-ceramic material is a machinable material.
4: The wearable electronic device according to claim 1, wherein the non-ceramic material is a machinable titanium material.
5: The wearable device according to claim 1 wherein the non-ceramic material is a machinable metallic material comprising one or more of titanium, steel, platinum, gold, palladium, silver or bronze or a gold based alloys.
6: The wearable electronic device according to claim 1, wherein the electronic part is attached to the cavity a bottom of the cavity.
7: The wearable electronic device according to claim 6, comprising one or more of a sticker, a tape or glue that attaches the electronic part to the at least one cavity at a bottom of the at least one cavity.
8: The wearable electronic device according to claim 1, wherein the moldable filler material is selected from a group consisting of at least epoxy material, Polyethylene, Polyurethane, low temperature moldable material, Loctite M-31CL, alpha-epoxy, 1,2-epoxy, EpoxAcast® 650, Bisphenol S epoxy resin, Novolac epoxy resin, Aliphatic epoxy resin and Glycidylamine epoxy resin.
9: The wearable electronic device according to claim 1, wherein the electronic part comprises one or more of a battery, an infrared transmitter, a microcontroller, a radio frequency transceiver, a temperature sensor and an infrared receiver.

10: The wearable electronic device according to claim 9, wherein the moldable filler material comprises an ink and is configured to cover at least an area other than the infrared transmitter and the infrared receiver within the at least one cavity.
11: The wearable electronic device according to claim 1, wherein the moldable filler material comprises an ink that increases a value of transmitted infrared light intensity divided by transmitted visible light intensity.
12: The wearable electronic device according to claim 1, wherein the body part comprises a ring configured to be worn on a finger.