

ABSTRACT

ALLOY MATERIAL, CONTACT PROBE, AND CONNECTION TERMINAL

An alloy material according to the present invention includes: a composition, in a composition range of a
5 ternary alloy of silver (Ag), palladium (Pd), and copper (Cu), the composition containing 20 to 30 wt% of Ag, 35 to 55 wt% of Pd, and 20 to 40 wt% of Cu. The composition as a base is added with tin (Sn) in a range of 0.5 to 2.5 wt%, further added with any one of or a combination of cobalt
10 (Co), chromium (Cr), and zinc (Zn) in a range of 0.1 to 1.0 wt%, and added with 0.01 to 0.1 wt% of either one of or a combination of iridium (Ir) and ruthenium (Ru).

FIG. 1