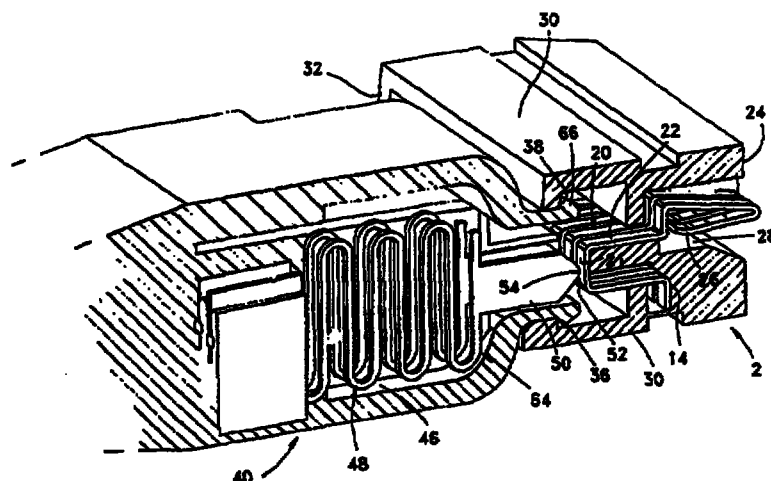


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(54) Title: PORTABLE TELEPHONE CONNECTION SYSTEM



(57) Abstract

A portable telephone connection system comprises an in-phone connector (2) having a housing (4) and a plurality of juxtaposed thin contact strips (20) mounted therein. In one embodiment the contact strips having a U-shape with a top contact (21) and side contact walls (22) extending therefrom. A data connector (40) having resilient contacts (44) with contact tips (50) can be plugged to the in-phone connector where the contact tips (52) bias against the in-phone contact top walls (21). For higher current applications, such as connection of a power plug (119), the power plug is provided with fork-typed contacts (104) that contact the in-phone contact side walls (22) for high contact pressure thereagainst. The unitary thin strip in-phone contacts can thus be arranged in a very compact manner and are relatively inexpensive to manufacture, whilst being pluggable to both data, power and other connectors. In a second embodiment, the in-phone connector has terminals (206) that only have a planar contact pad (212) where the complementary contacts (234) of the cradle connector bias thereagainst. The cradle connector contacts (234) have a very supple meandering spring section and are substantially planar in shape. All power, data and other contacts are the same.