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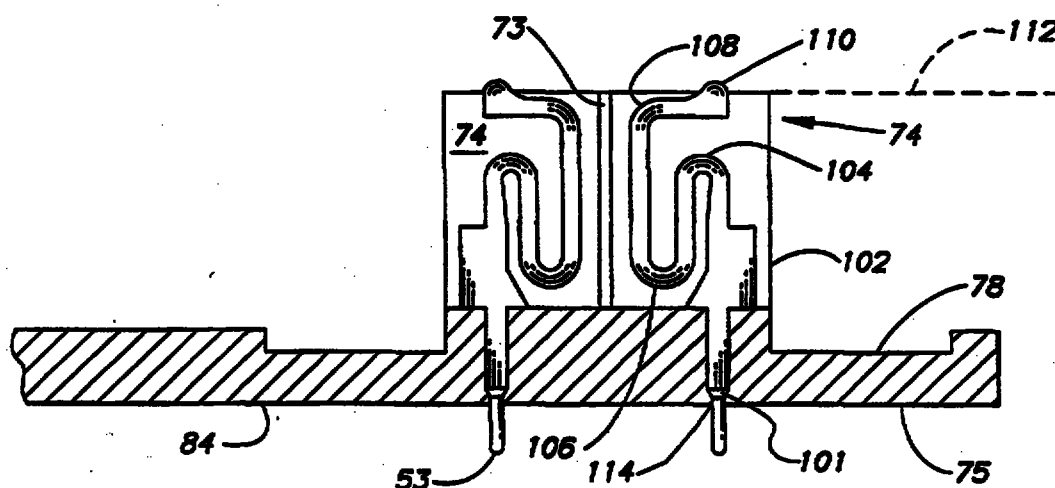
## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: LONG ARM COMPRESSION CONNECTOR WITH BUMP HEADER



## (57) Abstract

A compression arm connector (72) for connecting two circuit substrates (54) in a disk drive and a method of producing the same are provided. The compression arm connector (72) replaces the need for two vertical connectors and a base plate header traditionally used in disk drives for connecting two circuit substrates. Connector (72) is composed of curved members (104, 106, 108) provided in slots (74). Another compression arm connector (56) for connecting wires to solder pads on a circuit substrate is also provided. The contacts of this compression arm connector (56) are bent through an angle of more than 90 degrees to form a deflectable member and a solder member. Both connectors (72, 56) are capable of exhibiting large wipe and deflection capabilities. Additionally, both connectors can be used in a low-cost disk drive provided by the invention.