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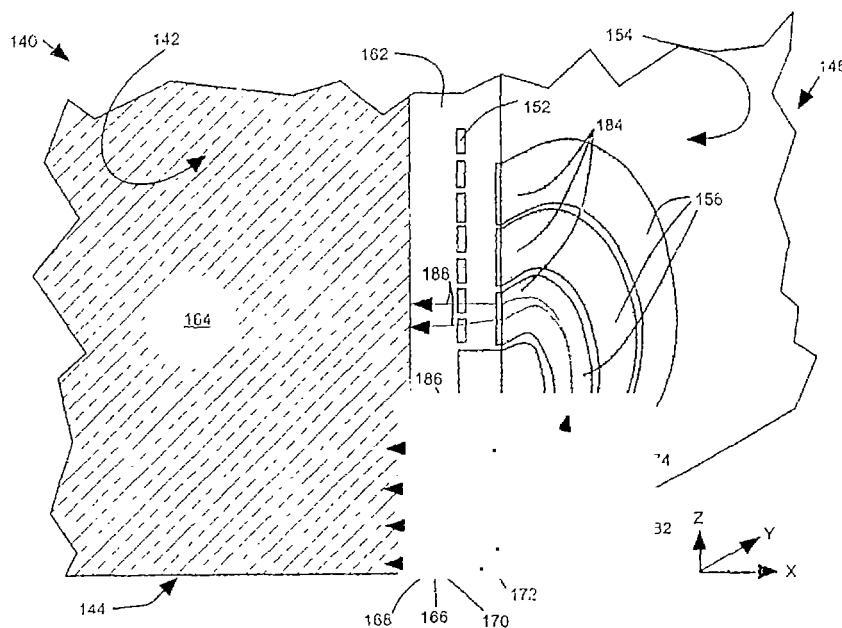
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For two-letter codes and other abbreviations refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette

(54) Title: DISC DRIVE WITH LAYERED WRITE COIL



(57) Abstract: A disc drive (100) includes a disc (126) and a read/write head (140) accessing the disc. The head includes a thermally conductive substrate (164) and a write coil window (172) surrounded by a shared pole piece (170) thermally coupled to the substrate, a central core (174), a write pole piece (160) and a write gap (176). A bottom coil (152) adjacent the shared pole piece has multiple turns that have bottom narrowed regions (180) passing through the window. A top coil (156) adjacent the write pole piece has multiple turns that have top narrowed regions (182) passing through the window. The top turns are fewer in number and flattened relative to the bottom turns.

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