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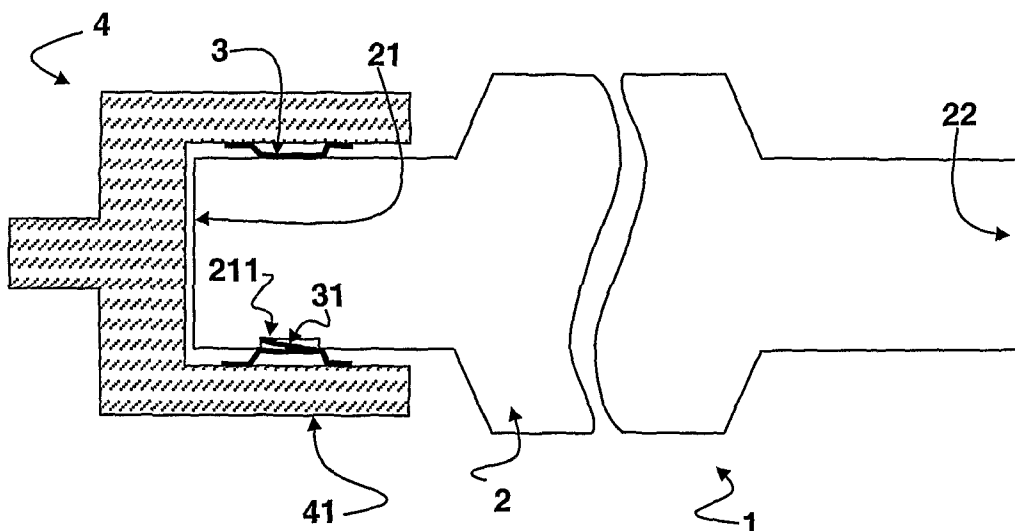
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: CERAMIC CONVEYOR ROLL WITH METAL END CAPS AND ITS ASSEMBLY



(57) Abstract: The present invention relates to conveyor rolls used in high temperature applications, and more particularly concerns an improved end cap assembly for such rolls. According to the invention, the conveyor roll (1) comprises a) a ceramic spool (2), b) at each end (21, 22) of the ceramic spool (2), an end cap (4) comprising a metal ferrule (41) and having a certain internal circumference adapted to fit over an end (21) of the ceramic spool; and c) interposed between each end (21, 22) of the ceramic spool (2) and the end cap (4) a tolerance ring (3) of resilient metal having a plurality of circumferentially arranged corrugations. This conveyor roll can resist temporary overheat or blockage without damages.

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