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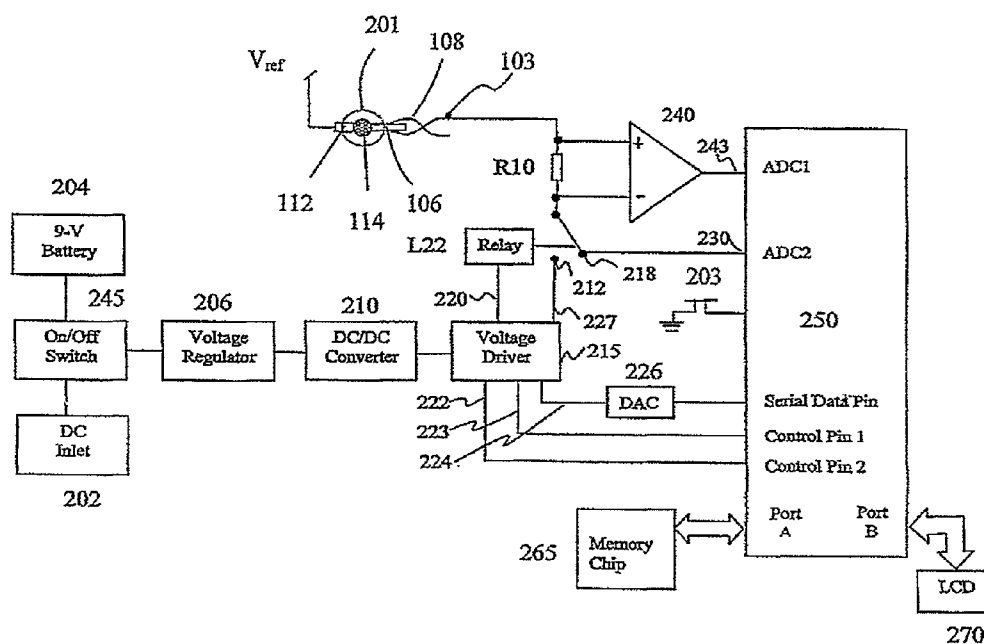
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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: A TESTING METHOD FOR PRECIOUS METALS



(57) Abstract: A precious metal assay method which includes the steps of forming an electrolytic cell (201) comprising an anode specimen (106) and a reference cathode (112), driving a ramp input into the electrolytic cell (201), measuring a resulting current through the electrolytic cell (201) over a period of the ramp input. The assay value may be determined by comparing the locality, slope and peak or area of a current response of the resulting current against the localities, slopes and peaks or areas of a list of current responses of known precious metal compositions from an empirical look-up table and displaying the assay value on an electronics display (270).

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— *of inventorship (Rule 4.17(iv))*

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