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(54) Title of the invention : ALERTING SANITARY SHEET

(51) International classification	:H04N0021485000, B60Q0009000000, H02M0007217000, F16C0019520000, G01N0021250000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(57) Abstract :

The present disclosure pertains to an alerting sanitary sheet for starting and ending of menstrual cycle. The sheet 100 includes a first portion 102 is configured to detect potential for hydrogen (pH) of fluid during the menstrual cycle of a subject, and correspondingly changes color 104, a second portion with a monitoring unit 106 and a vibration circuit operatively coupled with the first portion 102, and where the monitoring unit 106 is configured to extract a set of detection signals based on the changed color 104, where the set of detection signals pertains to pH parameters, compare the pH parameters with a predefined limit ranges, and generate a first set of alert signals 108 when at least one of the pH parameters is found beyond the predefined limit ranges and a second set of alert signals, when at least one of the pH parameters is found within the predetermined limit ranges.

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