

(54) Title of the invention : A SYSTEM FOR DETECTION OF MOISTURE CONTENT IN SANITARY PAD

(51) International classification :A61F 131500, A61F 134720, A61F 138400, G01N 219560, G01N 220400

(86) International Application No.:NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Shri Ramdeobaba College of Engineering and Management

Address of Applicant :Shri Ramdeobaba College of Engineering and Management, Katol Road, Nagpur, Maharashtra, India - 440013 -----

-

2)OCHAWAR, Rohini**3)SABLE, Vidya****4)CHETULE, Anshul****5)POKLE, Rishikesh****6)PATAR, Roshan****Name of Applicant : NA****Address of Applicant : NA**

(72)Name of Inventor :

1)OCHAWAR, Rohini

Address of Applicant :Shri Ramdeobaba College of Engineering and Management, Katol Road, Nagpur, Maharashtra, India - 440013 -----

2)SABLE, Vidya

Address of Applicant :Shri Ramdeobaba College of Engineering and Management, Katol Road, Nagpur, Maharashtra, India - 440013 -----

3)CHETULE, Anshul

Address of Applicant :Shri Ramdeobaba College of Engineering and Management, Katol Road, Nagpur, Maharashtra, India - 440013 -----

4)POKLE, Rishikesh

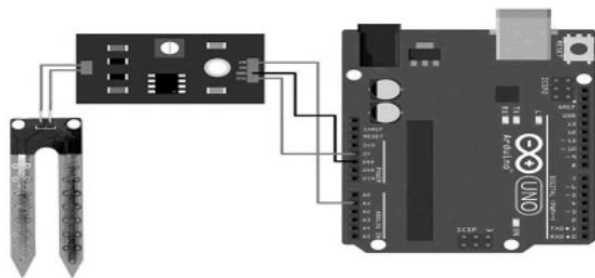
Address of Applicant :Shri Ramdeobaba College of Engineering and Management, Katol Road, Nagpur, Maharashtra, India - 440013 -----

5)PATAR, Roshan

Address of Applicant :Shri Ramdeobaba College of Engineering and Management, Katol Road, Nagpur, Maharashtra, India - 440013 -----

(57) Abstract :

The present invention provides a system for detection of moisture content in sanitary pad. Urinary incontinence is a problem that diminishes the quality of life not only of the person with the problem but also of a caregiver. In the present invention, When the baby/patient wears the pad, a sensor will be attached to it (which will be totally safe and will not hurt the baby/patient). Firstly, when the pad is filled, the sensor will detect the moisture/wetness). If the value of moisture is reached above the threshold that we set, the sensor will send a signal to the processor. After receiving the signal from the sensor, the processor will complete the connection and will start the buzzer. When the buzzer is activated the nurse/caretaker will get the message to change the pad.

**Figure 1**

No. of Pages : 10 No. of Claims : 3