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(54) Title of the invention : AUGMENTED REALITY BASED SYSTEM FOR BOOK

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(57) Abstract :
The present disclosure provides an augmented reality-based system (100) for a book to provide interactive learning to children. The system (100) includes a processing unit (102) to receive an image of one or physical objects imprinted in the book by an image capturing device (104), process the received image, and display the associated augmented reality environment on a display device (106), where the augmented reality environment comprising a 3D graphical representation corresponding to the one or more physical objects. In addition, processing unit (102) extracts a sound stored in a second dataset (112) corresponding to one or more physical objects. Also, create a metric corresponding to the received image, and the created metric is displayed on the display device (106) to train a child interactively.

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