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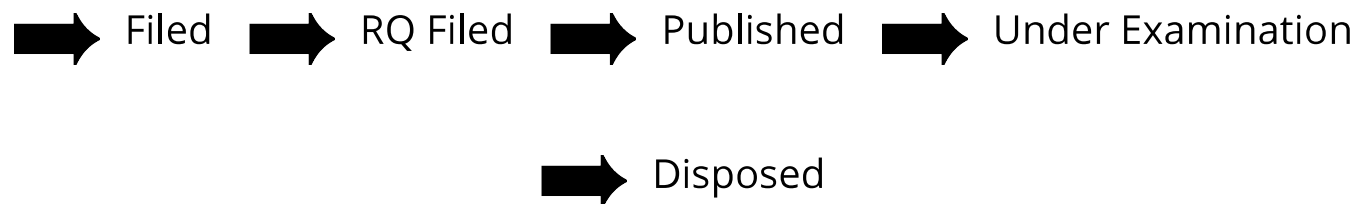
Application Details

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APPLICANT NAME	AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN
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FIELD OF INVENTION	ELECTRONICS
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(57) Abstract :

TITLE: COMPUTER ASSISTED NUMBER LINE SYSTEM APPLICANT: AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN ABSTRACT The present invention discloses a Computer Assisted Number Line System (CANL) to learn integers and its concepts using number lines by students with Visual Impairment without requirement of a teacher. The CANL system of the present invention comprises of a microcontroller coupled to an input device and an audio device characterized in that the microcontroller is embedded with 'CANL' program developed using Visual Basic 6.0 in-built with introduction module, learning module and evaluation module having number line with 'zero' at center, 'positive integers(+1 to +15)' at right side of the zero and 'negative integers(-1 to -15)' at left side of the zero at equal distance and a movable cursor initially positioned at zero and adapted to move on the number line upon clicking left and right arrow keys in the input device by a user.

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