

(54) Title of the invention : DYNAMIC SCHEDULING OF ULTRA HIGH SPEED MULTITASKING PROCESSOR TO HANDLE INTEGRATED SENSOR CIRCUITS IN AUTOMATED ROBOT

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(57) Abstract :

Abstract: - Now a days the labour force has been shrinking hence different sectors are struggling due to this drastic situation. Therefore, this leads to the search of alternate resources and divert to focus on robotics in various sectors working in par with the human activities. In such a way, developing robotics equivalent to human intelligence is becoming important and challenging task. Comparing human with robot, here processor is the heart and brain when referring its functionalities and operation. In this innovation to design, a high performance multitasking processor is the major proposal. Here the processor designed is of ultra-high speed with dynamic scheduling to handle integrated sensor circuits in automated robot. Due to this robot, it provides numerous benefits such as increased productivity, accuracy and lower costs. It can be preferred in dangerous and risky places instead of human being. It can perform the work of three to five people depending on the task and there is no labour problem. It is also capable of learning new process instantaneously suitable for the objective.

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