Title: Development of a Vegetable Slicing Machine from Locally Sourced Materials

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Abstract: In an attempt to facilitate the processing of vegetable material which is a daily nutritional food requirement of man, a vegetable slicing machine has been developed. This paper therefore presents the development of a vegetable slicing machine which is a mechanical device that is used for slicing vegetable materials instead of the crude cumbersome and unhygienic method of manual slicing of vegetable materials. The developed machine consists of the hopper, the cutter housing, the cutting blades, the sprout, the shaft, and a wooden handle. The machine was designed to enhance the hygienic slicing vegetable materials for both domestic and commercial consumption and it can accommodate up to fifteen cutting blades made of high speed steel material.