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**Invention is the process of discovering or creating something entirely new. It's often said that necessity is the mother of invention, meaning inventions are driven by a desire to solve problems.** Looking at the incredible inventions by scientists like Charles Babbage, Alexander Graham Bell, and Thomas Edison, I'm inspired to be part of the next generation of inventors.

**If I could invent something new, I would create a safe, efficient, and cost-effective coconut harvester for farmers.** This machine would eliminate the dangers of climbing trees and reduce the risk of falls.

**The harvester would be designed to navigate coconut trees, identify mature coconuts, and harvest them without damaging the fruit or the tree itself.** It would have a durable metal frame (aluminum or steel) for strength, sensors and cameras to detect mature coconuts, a hydraulic system for operation, and rubberized grips for safe handling. Solar panels or an electric motor would provide a sustainable power source.

**Like any invention, this process would begin with research and design.** I would study the anatomy of coconut trees, their growth patterns, and optimal harvesting methods. This would be followed by creating prototypes, testing them, and choosing the best design. Funding would be crucial, and I would seek support from family, relatives, or even philanthropists.

**Once the design is finalized, the next step would be building the harvester.** This involves integrating the sensors and cameras, installing the hydraulic system, and incorporating the chosen power source (solar panels or electric motor). **Testing and refinement are essential.** I would conduct field tests to assess the machine's performance and make adjustments based on the collected data.

**Lastly, with a perfected design, the machine can be mass-produced.** It would then be distributed to farmers, particularly those with their own coconut plantations. Distributors could be helpful for wider and faster marketing.

**I conclude with the words of renowned psychologist Jean Piaget which resonates deeply:** "The goal of education is not to increase the amount of knowledge but to create the possibilities for a child to invent and discover, to create men who are capable of doing new **things." (www.wearedauntless.com)** I'm proud of this invention and would be thrilled to see it become a reality, helping farmers harvest coconuts safely and efficiently.