

JOSPH CYRIL BAMFORD (JCB) INTEGRATED ROTARY BLADES

S. Subashchandar

Department of Mechanical Engineering, Kingston Engineering College
Vellore, Tamil Nadu, India

Abstract:

It is a preface of a JCB which works under the principle of polymechanic automation integrated with solar provision which converts solar energy into electrical energy which actuates to mechanical energy which is integrated with rotary blades. The process should be carried out of power generation should be increased. It will be very useful in coming generation. Two process should be carried out in single equipment Tthis attachment tool can be cut Fillers, Trees etc.,

Key Words: JCB, Rotary Blades, Solar panel, Inventer.

1. INTRODUCTION

As there is a continuous decrement of rural population in India has become the main cause for the growth of urban population, increase in productivity of agriculture has become an essential feature in stepping towards sustainability. Now a day's only few people are interested in cultivation activities due to high manual work and low income. As younger generation avoids the cultivation, the labor shortage has become very significant. To motivate the young people into agriculture, mechanization plays a vital role. The word "Automation" came into existence in the period 1945. It is the sequence of controlling the processors in operating equipments like machinery, industrial equipments etc., It reduces human intervention. The combination of rotary Blades and JCB one equipment should carried multiple process.

2. WORKING

The process of power transmission should be carried out the Principle of Mechanization, Polymechanic, Automation. Wire less operating device going to operate the Rotary Blades due to Safety of Human. The Power Transmission should be carried out from Engine to Sensing unit then here to Solar panel. From solar panel to inverter, motor than finally Rotary Blades.

3. MAIN PARTS

Wireless operating device with automated sensing unit processor.

Solar energy for storing energy.

Motor with rotary blade.

4. PROCESS

The process of Rotary Blades should be performed based on Wire Less Operating device. This device should performed, Left, Upward, Downward, Forward, Backward Right. The power transmission from engine to rotating shaft. It can be very useful for future generation. The Solar

energy is a working fuel of Rotary Blades. The Solar energy should be saved Battery .The power should be converted DC to AC after it going to be use it.

FLOW CHART..!

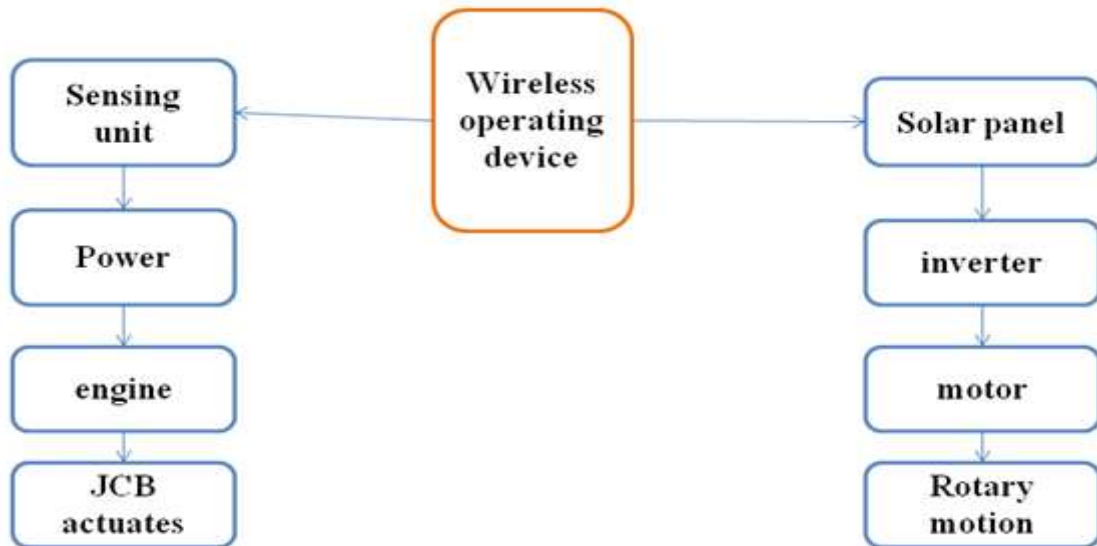


Fig.1. Flow chart

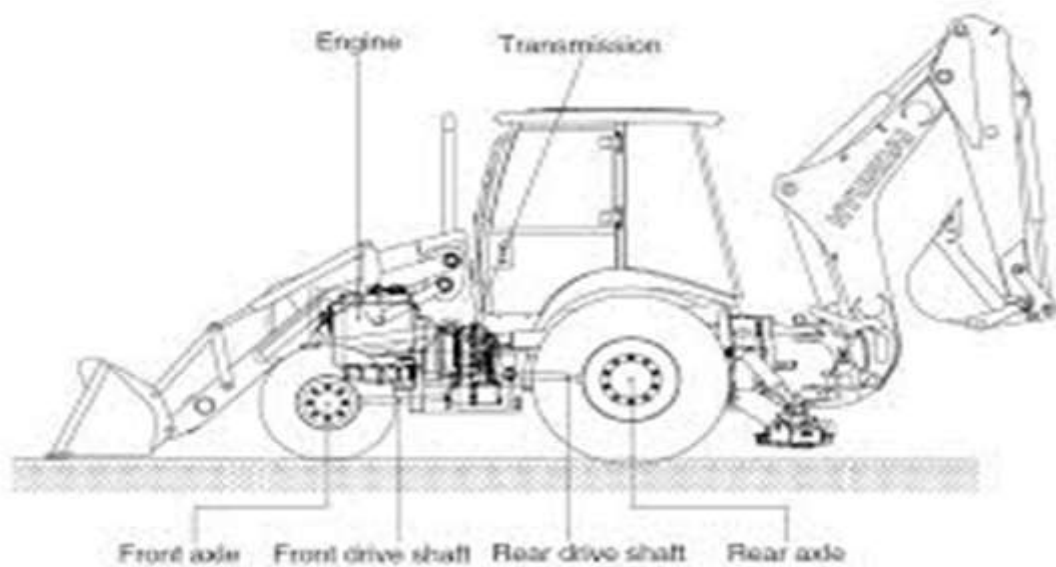


Fig.2. Before attachment of JCB

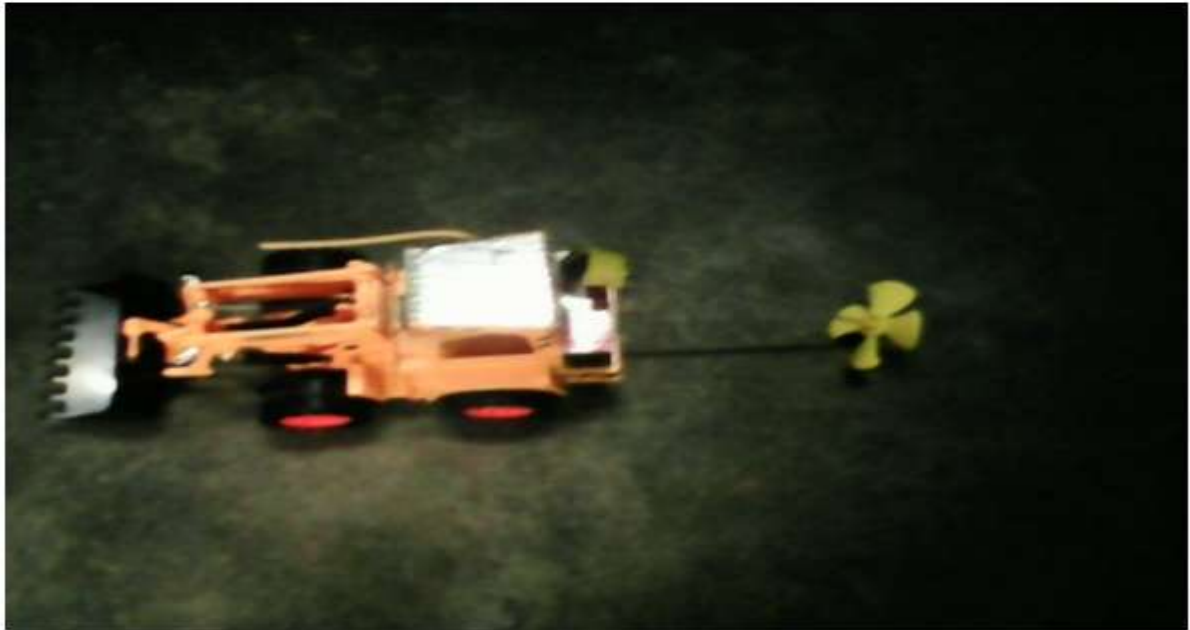


Fig.3. After attachment of JCB

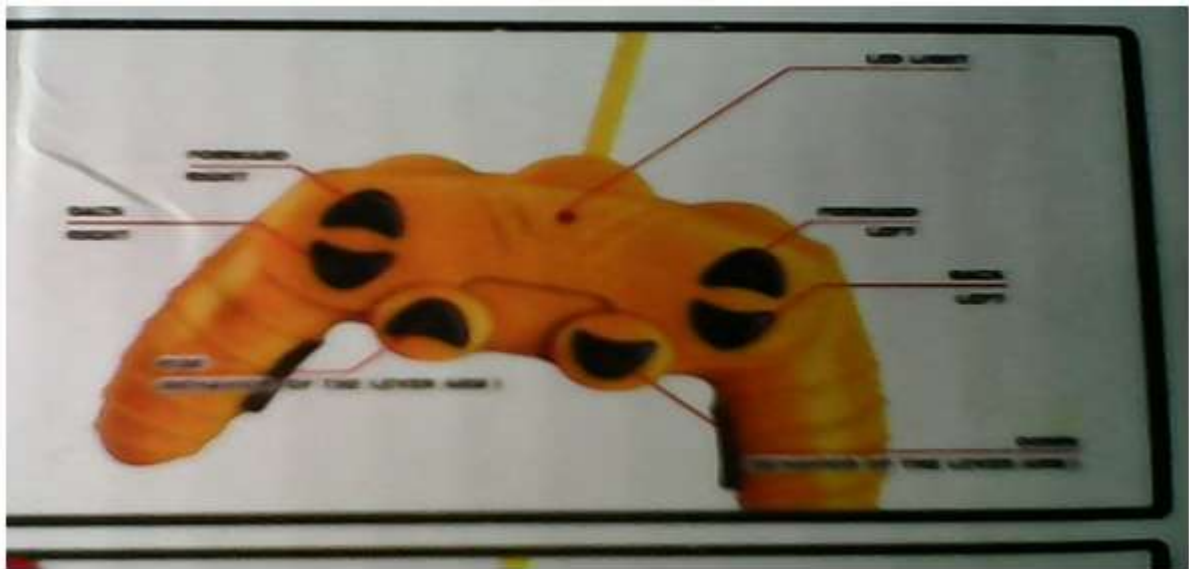


Fig.4.Wire Less Operative Device

5. GOALS OF ROTARY BLADES

Reduce Human intervention.

Enhance safety factor.

Save energy.

Versatile operation.

User-friendly.

High quality of operation

CONCLUSION

Its optimal energy conservation method in which it rapidly works on natural energy conservation. This experimental work was tested successfully. The performance of Joseph Cyril Bamford (Jcb) Integrated Rotary Blades is good.

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BIOGRAPHY



Author Was Born In Omakuppam Village, Tamilnadu In India, In 1996. He Is Interested In Material Science And Engineering. He Was Participated In The State Level Historical Essay Competition-2007-08. Now, He Is Studying Mechanical Engineering At Kingston Engineering College. He Was Member In Sae India In 2014-16. Also He Is Member In Indian Welding Society And International Association Of Engineers. Also He Is A Marathon Player. Then He Was Participated Many National Level Symposium And He Got First And Second Place At P.S.V College Of Engineering And Technology And Pallavan College Of Engineering In 2016.