INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

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29th November, 2024

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2024

(21) Application No.202411088943 A

(43) Publication Date : 29/11/2024

(54) Title of the invention : AI-ENHANCED ANIMAL RECOGNITION AND ALERT SYSTEM FOR FARM HOUSES

(51) International classification : A01K0001000000, A01K0011000000, A01M0029160000, A01K0029000000, A01K0003000000	(71)**Name of Applicant :** **1)Swami Rama Himalayan University** Address of Applicant :Swami Rama Himalayan University, Swami Ram Nagar, Jolly Grant, Dehradun, Uttarakhand, 248016, India Dehradun ----------- ----------- **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :**
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(57) Abstract :
The present invention provides an AI-enhanced animal recognition and alert system for farmhouses that is designed to protect farmers, their families, and their animals from dangerous wild animals, like lions, leopards, or tigers, that might wander near farmhouses or livestock areas. It uses a smart system to quickly detect these animals and warn the people living nearby. Imagine a farmhouse surrounded by fields where animals such as cows or buffaloes graze. If large, dangerous animal like a tiger or leopard comes close, there is a serious risk to both the farmers and their animals. Farmers may not always see or hear the animal in time to react, especially if it's dark or the area is too large to monitor alone. This system solves that problem by watching for dangerous animals automatically and alerting farmers right away if one is detected nearby.

No. of Pages : 26 No. of Claims : 8