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Abstract: BSN-Care: A Safe IoT-Based Recent Healthcare System Via Body Sensor Network Advances in data and correspondence technologies have prompted the development of Internet of Things (IoT). In the nascent medical care climate, the utilization of IoT advances brings accommodation of doctors and patients, since they are applied to different clinical regions (like continuous checking, patient data the executives and monitoring by the board). The body sensor organization (BSN) innovation is one of the center advances of IoT improvements in medical care framework, where a patient can be observed utilizing an assortment of small controlled and lightweight remote sensor tags. In any case, the advancement of this innovation in medical services applications disregarding security makes patient protection powerless. In this paper, right away, we address the security requirements in BSN-based present day medical services framework. In this way, we propose a safe IoT-based medical services framework utilizing BSN, called BSN-Care, which can productively address their necessities. The few security pre-requisites in BSN based present day medical care framework. Then, at that point, we propose a solid IoT based medical services framework utilizing BSN, called BSN-Care, which can be sure to proficiently achieve those necessities.

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(54) Title of the invention : IMPLEMENTATION OF COMPUTATIONAL TECHNIQUE FOR ANALYSIS OF MEDICAL MODALITY IMAGES AND MACHINE LEARNING TECHNIQUES FOR BREAST CANCER DETECTION

(51) International classification : A61B0006000000, G06T0007000000, G16H0050200000, A61B0006030000, G06N0003040000  
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(57) Abstract :  
IMPLEMENTATION OF COMPUTATIONAL TECHNIQUE FOR ANALYSIS OF MEDICAL MODALITY IMAGES AND MACHINE LEARNING TECHNIQUES FOR BREAST CANCER DETECTION The machine learning algorithm is trained using large data from and with the difference between the breast without a tumor and the breast with a tumor with the difference in reflection coefficient. Scanning a patient with the x-ray scanner, the scanning providing a frame of data representing breast tissue in the patient. A method for identifying a breast cancer patient from a healthy subject using the saliva biomarker for detecting breast cancer. The current state of the subject patient comprises automatically determining the likelihood of the subject patient developing breast cancer. Retrieval and concurrent viewing of both live and archived medical imagery streams together with associated metadata. The machine-learned classifier comprises classifying with the machine-learned classifier learned with regression, displaying an indication of breast cancer for the patient based on an output of the classifying using the machine-learned classifier.

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**FORM 3**  
**THE PATENTS ACT,**  
**1970 (39 of 1970)**  
**and**  
**THE PATENTS RULES, 2003**  
**STATEMENT AND UNDERTAKING UNDER**  
**SECTION 8**  
(See section 8; Rule 12)

1. Name of the applicant(s).	I/We Shaik Lal John Basha, <u>Duggireddy Rekha</u> , Arun Kumar Silivery, A. Devaki, Ravikant Natthuji Jugele, M. Kameshwar Rao, K. Viswanath, Dr D J Samatha Naidu, Dr P Sathishkumar, Sai Krishna Kodali, Dr. Vijay Kumar Salvia, Mohd Asif Shah, all are citizen of India, Address of one of the Applicant: Associate Professor, Department of Electronics and Communication Engineering, Narasaraopeta Institute of Technology, Yallamanda, Narasaraopet, Palnadu, Andhra Pradesh - 522601				
2. Name, address and nationality of the joint applicant.	(i) that I/We have not made any application for the same/substantially the same invention outside India Or (ii) that <del>I/We who have made this application No. .... dated alone/jointly with .....</del> made for the same/ substantially same invention, application(s) for patent in the other countries, the particulars of which are given below:				
Name of the Country	Date of Application	Application No.	Status of the Application	Date of Publication	Date of grant
-	-	-	-	-	-



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