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(51) International classification : G06Q0050020000, A01G0025160000, G06Q0010060000, G06N0003120000, H04L0029080000 (86) International Application No :PCT// Filing Date :01/01/1900 (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)ANKIT CHAKRAVARTI Address of Applicant :ASSOCIATE PROFESSOR, HYDRAULIC & WATER RESOURCES ENGINEERING DEPARTMENT, SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING HACHALU HUNDESSA TECHNOLOGY CAMPUS, AMBO UNIVERSITY, AMBO, P. BOX 21, ETHIOPIA OROMIA --- --------- ----------- 2)DR. BALASUBRAMANIAM S 3)SRILATHATOOMULA 4)DR.PRATHIBA L 5)DR. JOHN T MESIA DHAS 6)DR. V. KARUNAKARAN 7)DR.A.MANICKAM 8)Dr. P. SIVAKUMAR 9)DR. N. SRINIVASAN ARUNSANKAR 10)DR. SANJAY L. BADJATE 11)Dr.M.GAYATHRI 12)DILLIP NARAYAN SAHU 13)DR. SREENATH ITIKELA 14)M. SHARA LYDIA 15)Dr. M. SUDHA 16)DR. J. MANIRAJ Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)ANKIT CHAKRAVARTI Address of Applicant :ASSOCIATE PROFESSOR, HYDRAULIC & WATER RESOURCES ENGINEERING DEPARTMENT, SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING HACHALU HUNDESSA TECHNOLOGY CAMPUS, AMBO UNIVERSITY, AMBO, P. BOX 21, ETHIOPIA OROMIA --- 2)DR. BALASUBRAMANIAM S Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF FUTURES STUDIES, UNIVERSITY OF KERALA, KARYAVATTOM, THIRUVANANTHAPURAM -695581, KERALA, INDIA. ----------- ----------- 3)SRILATHATOOMULA Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, RBVRR WOMEN'S COLLEGE, (AUTONOMOUS), NARAYANAGUDA, HYDERABAD TELANGANA ----------- ----------- 4)DR.PRATHIBA L Address of Applicant :ASSOCIATE PROFESSOR, MIT SCHOOL OF CORPORATE INNOVATION AND LEADERSHIP (MIT SCIL), MIT ART, DESIGN AND TECHNOLOGY UNIVERSITY, RAILWAY STATION, SOLAPUR - PUNE HWY, NEAR BHARAT PETROL PUMP, LONI KALBHOR, MAHARASHTRA 412201 ----------- ----------- 5)DR. JOHN T MESIA DHAS Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, T JOHN INSTITUTE OF TECHNOLOGY, BANGALORE, KARNATAKA, INDIA. PIN: 560083 ----------- ----------- 6)DR. V. KARUNAKARAN Address of Applicant :ASSISTANT PROFESSOR (AGRONOMY), CROP MANAGEMENT, AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, TAMIL NADU AGRICULTURAL UNIVERSITY, EACHANGKOTTAI, THANJAVUR-614 902, TAMIL NADU, INDIA ----------- ----------- 7)DR.A.MANICKAM Address of Applicant :DR.A.MANICKAM SCHOOL OF ADVANCED SCIENCE AND LANGUAGES, DIVISION OF MATHEMATICS, VIT BHOPAL UNIVERSITY, KOTHARI KALAN(VILLAGE) SEHORE (DT)-466114 MADHYA PRADESH, INDIA. ----------- ----------- 8)Dr. P. SIVAKUMAR Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, TAMILNADU AGRICULTURAL UNIVERSITY, EACHANGKOTTAI, THANJAVUR-614 902, TAMIL NADU, INDIA ----------- ----------- 9)DR. N. SRINIVASAN ARUNSANKAR Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS, SRI SAI RAM ENGINEERING COLLEGE, WEST TAMBARAM CHENNAI - 44. ----------- ----------- 10)DR. SANJAY L. BADJATE Address of Applicant :PROFESSOR, DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING, S.B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT AND RESEARCH, NEAR JAIN INTERNATIONAL SCHOOL., YERLA VILLAGE, KALMESHWAR ROAD, NAGPUR. 441501. MAHARASTRA, ----------- ----------- 11)Dr.M.GAYATHRI Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF MATHEMATICS, MARUDUPANDIYAR COLLEGE,(ARTS & SCIENCE), THANJAVUR – 613403, TAMIL NADU ----------- ----------- 12)DILLIP NARAYAN SAHU Address of Applicant :LECTURER, DEPARTMENT OF MCA, SCHOOL OF COMPUTER SCIENCE, GANGADHAR MEHER UNIVERSITY (GMU), SAMBALPUR, ODISHA, INDIA PIN- 768001 ----------- ----------- 13)DR. SREENATH ITIKELA Address of Applicant :ASSISTANT PROFESSOR INFORMATION TECHNOLOGY (MATHEMATICS SECTION) UNIVERSITY OF TECHNOLOGY & APPLIED SCIENCES, IBRI, SULTANATE OF OMAN. ----------- ----------- 14)M. SHARA LYDIA Address of Applicant :ASSISTANT PROFESSOR COMPUTER SCIENCE & ENGINEERING MALLA REDDY UNIVERSITY, HYDERABAD, TELANGANA -- 15)Dr. M. SUDHA Address of Applicant :PROFESSOR AND HEAD, DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING, PAAVAI ENGINEERING COLLEGE (AUTONOMOUS), NH-44, PAAVAI NAGAR, PAACHAL, NAMAKKAL – 637408, TAMIL NADU, INDIA. ----------- ----------- 16)DR. J. MANIRAJ Address of Applicant :PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, KIT - KALAIGNAR KARUNANIDHI INSTITUTE OF TECHNOLOGY, COIMBATORE, TAMIL NADU, INDIA. ----------- -----------

(57) Abstract :
ABSTRACT A SMART DEVICE FOR DATA COLLECTION OF AGRICULTURE SYSTEM The present invention relates to a smart device for data collection of agriculture system. The smart device for data collection of agriculture system comprising of a memory for storage of settings, an input module for inputting agricultural data, a programming module for programming, a processing module for processing information, a data network for communication, and a web server for storing agricultural data. The processing module can be programmed to process agricultural data. The processing of data provides an efficient support system for an agriculturist in a variety of scenarios. It provides details on the nature of soil, what kind of plants/crops can be sowed, water irrigation, how deep the crop can grow beneath the ground, yielding mechanisms, type of fertilizers etc., to farmers. The processing module obtains and generates training data for agricultural forecasting.

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