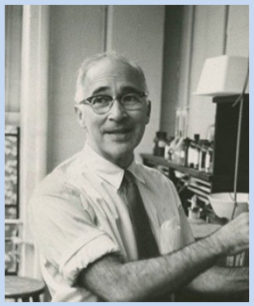
Indian solutions to global health problems via Globally Patented RECEPTOL, Lab & Virtual specialty Hospital on Chip driven by Artificial Intelligence based knowledge acquisition Tools (AIKAT)

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2 Nobel Prize Winner Prof George Wald



Joseph Weizenbaum



Dr. Pawan Saharan



Receptol® Immunity shield

After years of research, we have successfully isolated Nano peptides from bovine colostrum and conducted global clinical studies on 25,301 subjects suffering from HIV, Swine flu & other communicable/ Immune disease via innovative oral spray drug delivery system that can provide solution to majority of health problems related to Poor Immunity.

What is NID/Receptol®

NID Active Pharmaceutical Ingredients (API) consist of Patented Nano - Informational Peptides extracted from mammalian/ bovine colostrum via Ultra Nano filtration Technology having Radha 108 sequence id 1-8 & Proline Rich Poly Peptides

PRPs & NID are a class of nano informational peptide consisting of oligo-ribonucleotide attached to a peptide molecule that act as immunity drug via immune-modulation and anti-viral/bacterial activity.

Creating Paradigm shift via innovations in Pharma, Healthcare & Diagnostics

Drug



Patent provide entry barrier for global Pharma MNCs in therapeutic areas of Oncology, Ashtma, Auto immune: RA etc, Infectious disease, CNS & HIV Orphan drugs

Lab on Chip



Mass screening for Cancer, Auto Immune, Viral Pandemic, biological & nuclear warfare

Hospital on Chip



Taking health care to bottom of pyramid via telemedicine and tele diagnostic. Global hub for Pharma CRO & Drug discovery via AI based Virtual Hospitl

Granted Global PATENTS

Healthcare Challenges

The healthcare communication systems existing as of date are hindered by several drawbacks since medical information is not shared among professionals quickly enough to meet the need to provide rapid emergency care and universal development and distribution of medical knowledge.

Present medical knowledge databases rarely accumulate independent research work. Analysis of huge volume of data to produce medical treatment protocols requires laborious human work which tends to increase the cost and time of healthcare & clinical trial CRO systems. This is major "bottleneck" leading to ever increasing cost of medical care in modern, developed economies

Hence, there is a need for an automated, integrated system, method and platform which helps in managing the total health care services with the inclusion of drug discovery and clinical trials in a cost effective and timely manner. The present invention, Virtual specialty hospital has the potential to be a blockbuster product providing a cost effective solution to medical healthcare, CRO & New Drug Discovery in a timely manner.

VIRTUAL SPECIALTY HOSPITAL ON CHIP DRIVEN BY ARTIFICIAL INTELLIGENCE BASED KNOWLEDGE ACQUISITION TOOLS (AIKAT)

- The Hospital on Chip invention relates to a web based integrated informatics system for healthcare services like Trauma Emergency care, TeleMedicine with a difference aiding clinical trials and new drug discovery.
- The system is configured to receive information sent by one or more specialty hospitals
- The received information is then processed by AI based logic processor using the hospital patient databases.
- The processed request is integrated with relevant healthcare information or services and received by the specialty hospitals.
- Medical Informatics System is the intersection of computer science and healthcare which focuses on acquiring patient data, processing it and storing it in computers.
- Physicians and health administrators can efficiently retrieve this data as per their requirement and also use it for clinical research and new drug discovery.
- This can be applied to the areas for nursing, clinical care, dentistry, pharmacy, public health and bio medical research



Emergency MMS alerts



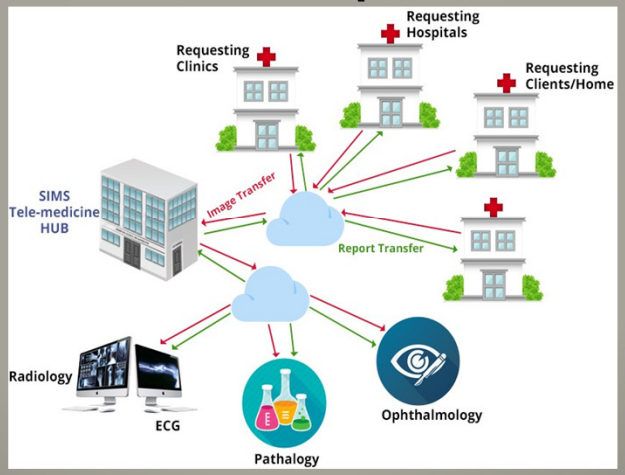
Tele Medicine
online 2nd opinion



Clinical trials CRO s/w
With MNC hosting



AI driven Virtual Specialty Hospital
With online medical research



Lab & Hospital on Chip
with Tele Diagnostic

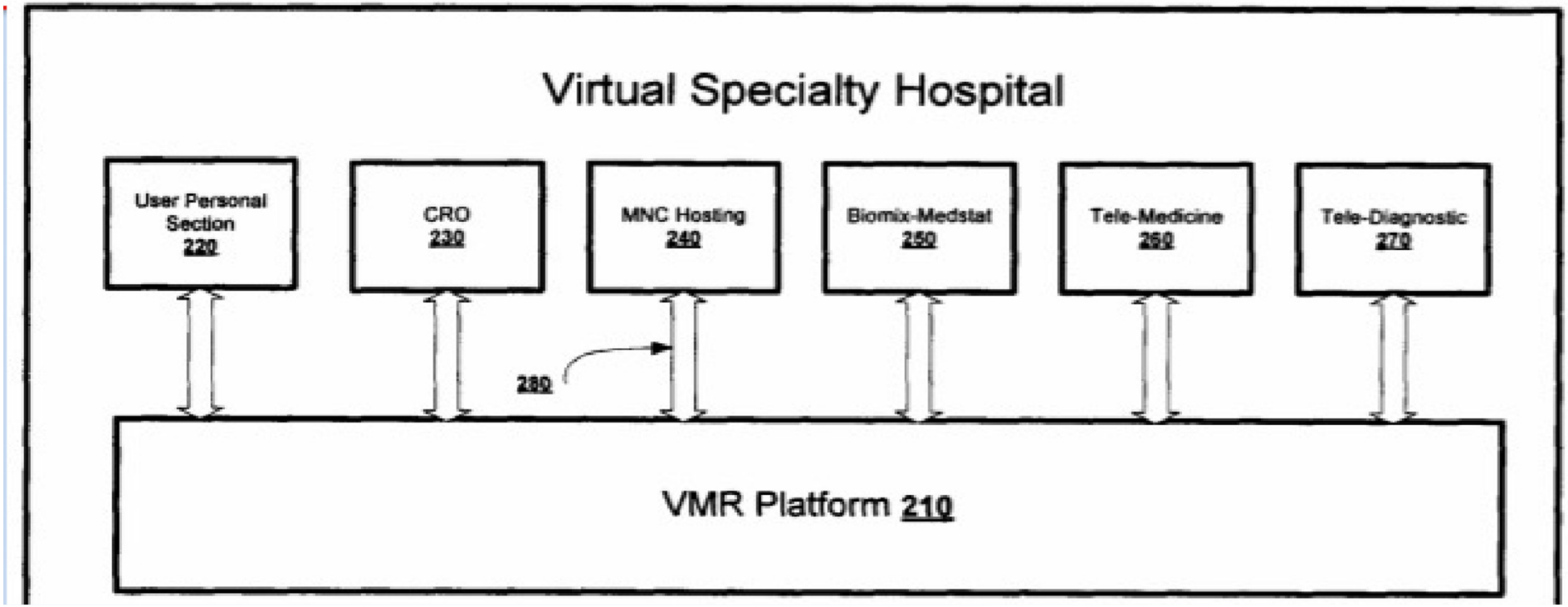


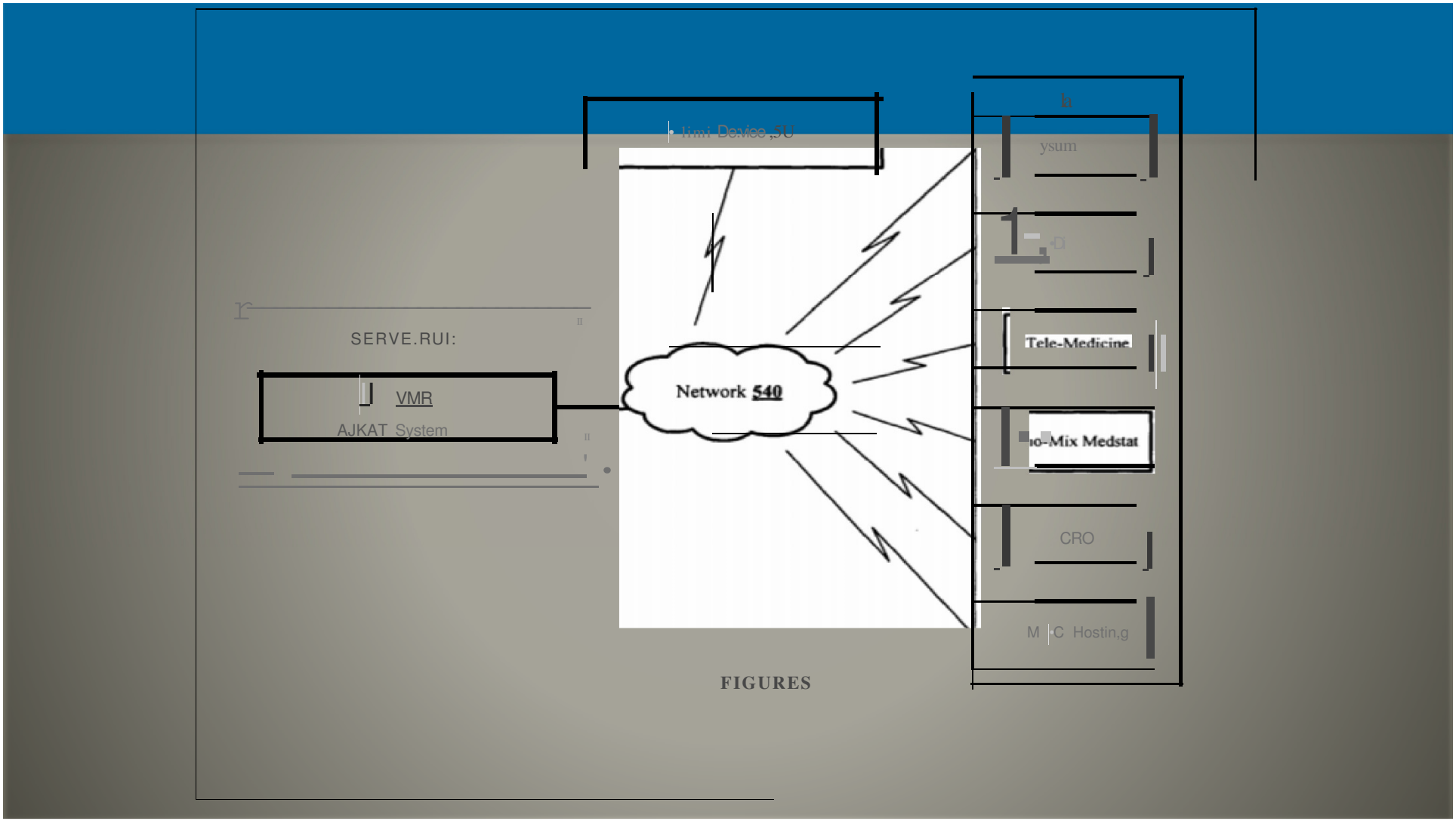
GENESOFT
New drug discovery s/w

Hospital on chip information

PCT/IN2011/000522 09.08.2011
Granted(PATENT #:WO2012/020429)

Australian Patent No. 2011288135
Pawan Saharan
An automated integrated system, method and platform for healthcare services





FIGURES

Team

Founder Directors : 2 times Nobel Prize Winner Prof George Wald, Harvard Medical Center

: Prof Joseph Weizenbaum, Founder Chair Robotics Comp science Dept. MIT

- Founder CEO
  - Dr. Pawan Saharan, MS, PhD (JNU, WVU)
    - AMP (ASCI in tie up with Harvard businessschool)
    - Best US graduate student award by AAAS with fellowship at Stanford University
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Eminent scientists, engineers, doctors from World over with over 300 years of collective experience

X