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(71)**Name of Applicant :**
1)Chitkara University
Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ---------- ----------
2)Chitkara Innovation Incubator Foundation
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Ms. Amita Salaria
Address of Applicant :Research Scholar, Chitkara University Research and Innovation Network, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ---------- ----------
2)Dr. Surya Narayan Panda
Address of Applicant :Professor, Chitkara University Research and Innovation Network, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ---------- ----------
3)Ms. Muskan Chawla
Address of Applicant :Research Scholar, Chitkara University Research and Innovation Network, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ---------- ----------
4)Ms. Swati Goel
Address of Applicant :Research Scholar, Chitkara University Research and Innovation Network, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ---------- ----------
5)Dr. Sonu Goel
Address of Applicant :Professor, PGIMER, Chandigarh India, 140401 Chandigarh ---------- ----------

(57) Abstract :
ABSTRACT The present disclosure introduces an IoT and Artificial Intelligence-based gastric cancer screening system 100 represents a revolutionary approach to early detection and treatment of gastric cancer. It comprises of IoT Device 102, symptom analysis module 104, feature extraction module 106, memory processing unit 108, microcontroller 110, data storage and monitoring unit 112, power unit 114, AI based cancer detection unit 116, cancer stage classification unit 118, user interface 120. Through the seamless interaction of IoT Device for data collection and symptom analysis module for symptom analysis, and AI Based Cancer Detection Unit for cancer detection, the system enables accurate and timely diagnosis. Reference Fig 1

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