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<p>(51) International classification :G06K0009000000, H04L0029080000, G01C0011060000, G01C0021200000, G06T0019000000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Mr.Jangili Srinivasa Rao Address of Applicant :Senior Lecturer, Government Polytechnic, Kothagudem, Telangana, India. Pin Code:507101 -----</p> <p>2)Mrs.N.P.V.Susmitha Address of Applicant :Lecturer in Electronics & Instrumentation Engineering, Department of Technical Education, Government Institute of Electronics, Secunderabad, Telangana, India. Pin Code:500026 -----</p> <p>3)Dr.Dharmesh J. Pandya Address of Applicant :Associate Professor, Department of Electrical Engineering, Atmiya University, Rajkot, Gujarat, India. Pin Code:360001 -----</p> <p>4)Dr.Gopireddy Ranabothu Address of Applicant :Assistant Professor, Department of ECE, Wachemo University, Hosanna, Ethiopia. Po.Box:667 -----</p> <p>5)Ms.Perigisetty Vedavalli Address of Applicant :PhD Scholar, School of Electronics and Communication Engineering, VIT-Andhra Pradesh, Amaravati, Andhra Pradesh, India. Pin Code:522237 -----</p> <p>6)Mr.Alemayehu Kebede Abebe Address of Applicant :Lecturer, Department of Electrical and computer engineering, Wachemo University, Hosanna, Ethiopia. Po.Box:667 -----</p> <p>7)Dr.Panduranga Vital Terlapu Address of Applicant :Associate Professor, Department of Computer Science and Engineering, Aditya Institute of Technology and Management, Tekkali, Srikakulam, Andhra Pradesh, India. Pin Code:532201 -----</p> <p>8)Dr.Ram Prasad Reddy Sadi Address of Applicant :Associate Professor, Department of Information Technology, Anil Neerukonda Institute of Technology and Sciences, Bheemili, Visakhapatnam, Andhra Pradesh India. Pin Code:531162 -----</p> <p>9)Prof.(Dr.) Hemant Sharma Address of Applicant :Deputy Pro Vice Chancellor & Professor, Director-School of Management Studies, CT University, Ferozepur Rd, Ludhiana, Punjab, India. Pin Code:142024 -----</p> <p>10)Dr.Arun Kumar Singh Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, Amity School of Engineering and Technology, Amity University, Gurugram, Haryana, India. Pin Code:122413 -----</p>
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(57) Abstract :
[035] The present invention discloses a system for positioning and placements of devices connected in IoT and method thereof. The system includes, but not limited to, an image capturing device with a storage media for acquiring a plurality of successive captured images of an indoor environment with a camera system moving in the indoor IoT based environment, and further, each acquired and captured image comprises two images, which partly overlap. Further, a position identification module is configured for tracking a reference point of the image capturing device and generating data of a track from the tracked reference point and identifying points in the captured images and generating data of a 3D point cloud-based storage from the identified points. Accompanied Drawing [FIG. 1]

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