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(54) Title of the invention : SOS-ENABLED FIRE EXTINGUISHER

<p>(51) International classification :H04W0004900000, A62C0013760000, G08B0025000000, A62C0035020000, H04W0076500000</p> <p>(86) International Application No :NA Filing Date :NA</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 : <b>1)Chitkara University</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p><b>2)Chitkara Innovation Incubator Foundation</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)VERMA, Sanjeev</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p><b>2)KUMAR, Naveen</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p><b>3)KAUSHAL, Rajesh Kumar</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p><b>4)PANDA, Surya Narayan</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p><b>5)KUMAR, Mohit</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p><b>6)KUMAR, Raman</b> Address of Applicant :Assistant Professor, Department of Mechanical and Production Engineering, Guru Nanak Dev Engineering College, Gill Road, Ludhiana - 141006, Punjab, India. Ludhiana -----</p>
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(57) Abstract :

The present disclosure provides a fire extinguisher (100) to enhance safety and emergency response. The fire extinguisher includes a container (102) for storing a fire extinguishing agent, a safety pin (104) and a signaling device (106) attached to the container (102). When the safety pin (104) is released, the fire extinguishing agent is released from the container (104), and the signaling device (106) activates to send an SOS signal. The signaling device (106) is a Global System for Mobile communication (GSM) unit, and the control unit is operatively coupled to the signaling device, and the safety pin, to activate the signaling device. The container also includes a sensor (108) that is operatively coupled to the control unit, which detects the release of the safety pin and correspondingly transmits an instruction to the control unit. Further, the control unit (110) transmits the SOS signal to one or more emergency services providers.

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