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(51) International classification	:A61B0005024000, A61B0005000000, G08B0025010000, A61B0005045200, A61B0005021000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)RANI, Shalli</b>
(33) Name of priority country	:NA	<b>2)KAUR, Harmeet</b>
(86) International Application No	:NA	<b>3)RAMKUMAR, K. R.</b>
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(57) Abstract :

The present disclosure pertains to a health monitoring system for pregnant women and fetus. The system 100 includes an authentication unit 102 configured to extract authenticating attributes associated with the pregnant women, and an examining entity, and correspondingly generate a first set of signals, a set of health monitoring units 104 configured to detect physiological attributes of the pregnant women and associated fetus, and correspondingly generate a second set of signals, and where the set of monitoring units is configured to operate in first mode and a second mode, and a processing unit 106. The processing unit 106 configured to extract, verify, compare, and generate a set of alert signals, based on the extracted, verified and compared first set of signals and the second set of signals. The system 100 is configured to communicatively couple with one or more emergency services to provide medical assistance to the pregnant women 302-1 based on the generated set of alert signals.

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