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(54) Title of the invention : SECURE ONLINE WEATHER FORECASTING USING MULTIPARTY COMPUTATION

(51) International classification	:G01W 011000, G06Q 100400, G06Q 203800, G08G 010950, H04L 090000	(71)**Name of Applicant :** 　**1)Chitkara University** 　　Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- ----------- 　**2)Bluest Mettle Solutions Private Limited** **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :** 　**1)MISHRA, Rahul** Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- ----------- 　**2)PANDEY, Sakshi** Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- ----------- 　**3)SINGH, Jaiteg** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
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(57) Abstract :

The present disclosure relates to a machine learning system for weather forecasting. The system comprises a data collection module configured to collect weather data from multiple sources; a data processing module configured to pre-process the collected weather data; a machine learning module configured to generate weather forecasts based on the pre-processed data; and a user interface module configured to display the generated forecasts to authorized users.

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