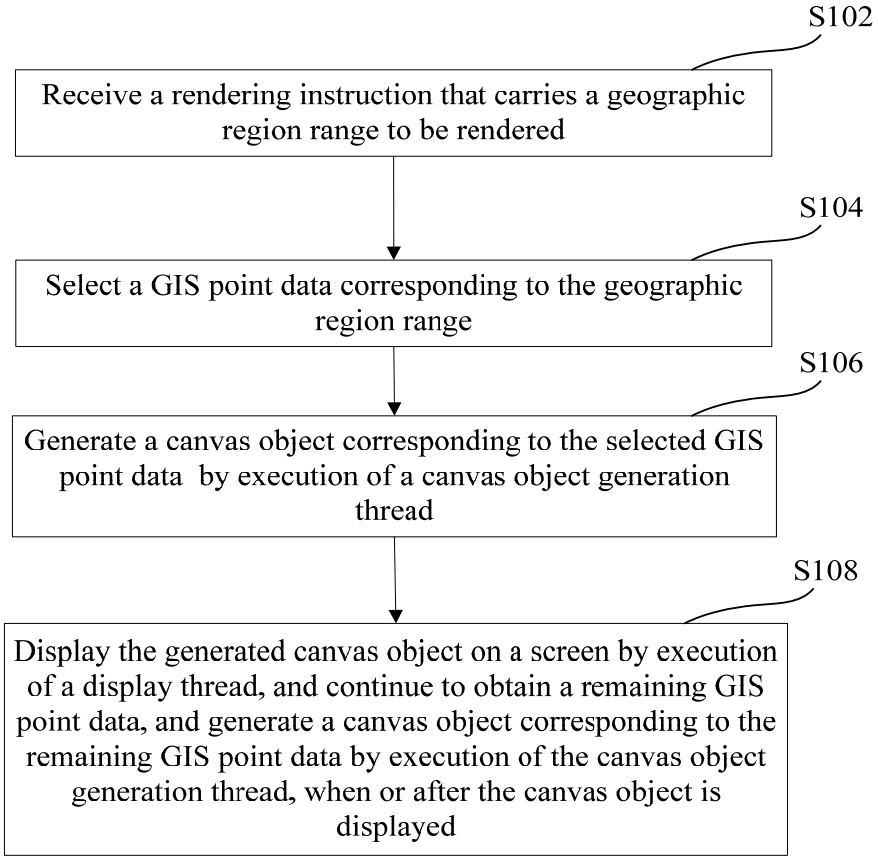

S102
Receive a rendering instruction that carries a geographic region range to be rendered
S104
Select a GIS point data corresponding to the geographic region range
S106
Generate a canvas object corresponding to the selected GIS point data by execution of a canvas object generation thread
S108
Display the generated canvas object on a screen by execution of a display thread, and continue to obtain a remaining GIS point data, and generate a canvas object corresponding to the remaining GIS point data by execution of the canvas object generation thread, when or after the canvas object is displayed

FIG. 1