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(54) **MAP DISPLAY DEVICE, MAP DISPLAY SYSTEM, MAP DISPLAY METHOD, AND MAP DISPLAY PROGRAM PRODUCT**

(56) **References Cited**

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(57) **ABSTRACT**

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In the present invention, map data managed in different formats in different geographic information systems is converted into raster data and subjected to various kinds of processing to produce raster layers for free use of the map data, such as processing and editing of the map data. A server as a map display device of the present invention has a control section. The control section controls to adjust, on the basis of attribute data, a scale and size of image data, which is stored in a storage section, in accordance with functions of an application program, to produce a plurality of raster layers, and superimpose the plurality of raster layers, and then display a map on a display section.

(51) **Int. Cl.**
G09G 5/00 (2006.01)

(52) **U.S. Cl.** **345/581; 345/619; 345/574; 382/305; 715/700; 715/734**

(58) **Field of Classification Search** **345/581, 345/618-619, 440, 440.2, 441, 442-443, 345/549, 552, 574, 204, 953, 960, 965, 968, 345/629-631; 382/253-254, 286, 305; 715/700, 715/733, 732, 734, 737; 455/556.2, 566, 455/95**

See application file for complete search history.

6 Claims, 14 Drawing Sheets

