METHOD FOR REQUESTING AND VIEWING A ZOOMED AREA OF DETAIL FROM AN IMAGE ATTACHMENT ON A MOBILE COMMUNICATION DEVICE

ABSTRACT

A process is set forth for viewing an enlarged area of an image. The image is stored on a server and re-sized for viewing on a mobile communication device based on screen size and colour display capabilities of the device. The image is enlarged within the server by modifying binary raw data of the original image based on crop rectangle coordinates entered at the mobile communication device. The process allows users to quickly retrieve any relevant part of a large image attachment that has been resized by the server. This minimizes bandwidth usage, device memory/CPU consumption, and request/response latency while still allowing the user to view an image area in its original level of detail.

(Fig. 10)