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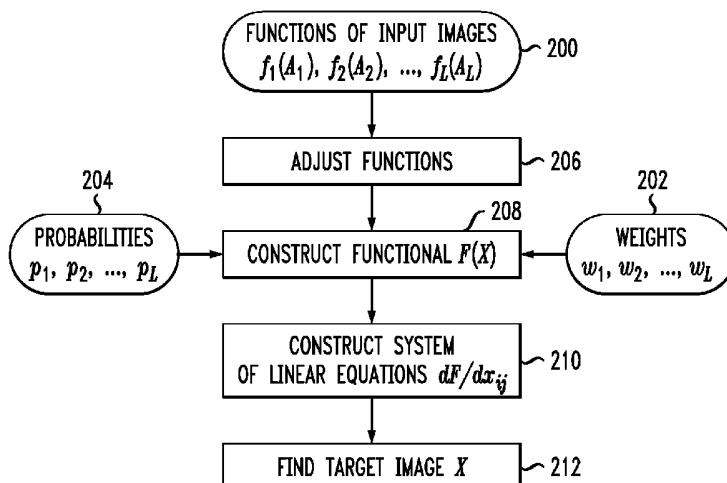
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(54) Title: TARGET IMAGE GENERATION UTILIZING A FUNCTIONAL BASED ON FUNCTIONS OF INFORMATION FROM OTHER IMAGES

**FIG. 2**



(57) **Abstract:** An image processing system comprises an image processor configured to construct a designated functional based on a plurality of functions each associated with a corresponding portion of image information relating to at least first and second images, and to generate a target image utilizing the constructed functional. For example, the functions may comprise a set of functions  $f_1(A_1), f_1(A_1), \dots, f_1(A_1)$  of pixels from respective input images  $A_1, A_2, A_L$  of the image information, and the functional may be a function  $F(X)$  of the set of functions  $f_1(A_1), f_2(A_2), \dots, f_L(A_L)$  where  $X$  denotes the target image and is generated by minimizing the functional  $F(X)$ . The input images may be received from one or more image sources and the target image may be provided to one or more image destinations.