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Improved method and apparatus for repairing screens

Abstract

A method of plugging an area of damaged mesh in a sifting screen is described. The method is applicable to screens of the type in which woven wire mesh is stretched, tensioned and secured over a supporting frame containing a plurality of windows and in which local damage to the mesh is in an area of the mesh which overlies one of the windows. The method comprises the steps of inserting into the window a device which is a close fit therein, and securing the device in the window so as to completely cover the area of damaged mesh. The device may comprise a former having stretched thereacross and secured thereto mesh similar to that stretched across the window in question, or simply a plate or block. The device may be secured in place by a force or interference fit, mechanical means, or adhesive, or the device may be resiliently deformable to allow it to be pushed past a projection in the window, so as to snap fit the device in place.

Figure 1