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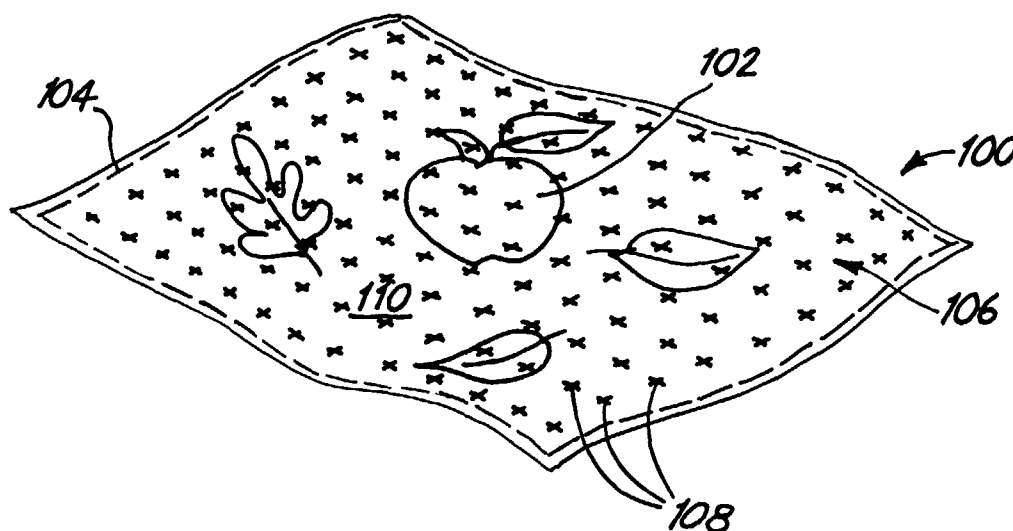
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(54) Title: SCRUB PAD WITH PRINTED RIGID PLATES AND ASSOCIATED METHODS



(57) Abstract: The invention relates to a scrubbing material that combines at least two discrete components. One component is a continuous flexible substrate (106, 304, 706). A second component is a discontinuous abrasive layer affixed to the flexible substrate (106, 304, 706). The abrasive layer is a set of plates (108, 302, 402, 708) formed from a material different than the continuous flexible substrate (106, 304, 706). One or two flexible substrates (106, 304, 706) with affixed plates (108, 302, 402, 708) with an intermediate layer (702) such as sponge or terry cloth. The gaps (205, 301) between plates (108, 302, 402, 708) are relatively large and are generally larger than one-third the largest plate dimension (307). The flexible substrate (106, 304, 706) can be tightly woven fabric that can be printed with visually attractive colors, patterns and images. The plate material is a printable material 204 that subsequently solidifies, such as epoxy. The inventions include associated methods of use and manufacture.



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