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(54) **Title:** POLYMER COMPOSITES FOR HARVESTING MOISTURE AND METHODS OF FABRICATION THEREOF

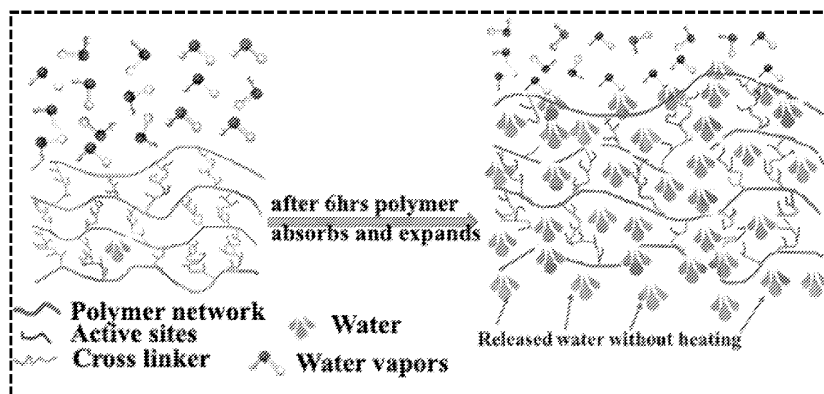


Figure 1

(57) **Abstract:** The present disclosure concerns polymer composites for harvesting moisture and their uses thereof. The polymer composite comprises a hydrophilic polymer network and a hygroscopic salt intercalated within the polymer network. The weight ratio of the polymer network to the salt is about 0.1:1 to about 15:1. The present disclosure also concerns methods of fabricating the polymer composites.



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