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(54) Title: CELLULOSIC COMPOSITE MATERIALS AND METHODS THEREOF

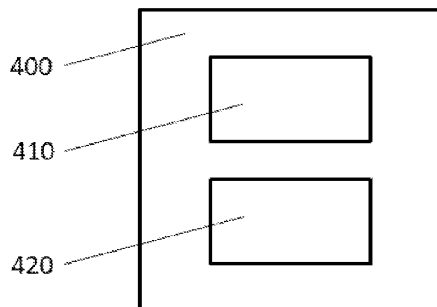


FIG. 4

(57) Abstract: The present disclosure provides compositions and methods of manufacture of a composite material. In an aspect, the composite material may comprise a cellulosic material and a binder material. In some cases, at least a portion of the cellulosic material may be delignified. In some cases, at least a portion of crystal structure of the cellulosic material may be maintained in the composite material. In some cases, the cellulosic material may comprise a plurality of pores. In some cases, the binder may comprise lime comprising calcium oxide or calcium hydroxide. In some cases, the binder may further comprise silicate.

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