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Lindsay et al.

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(54) **MULTILAYERED TISSUE HAVING REDUCED HYDROGEN BONDING**

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See application file for complete search history.

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(57) **ABSTRACT**

The disclosure provides a multilayered tissue web comprising treated cellulosic fibers selectively disposed in one or more layers, wherein the tissue layer comprising treated fibers is adjacent to a layer comprising untreated fiber and which is substantially free from untreated fiber. Generally the treated fibers have a rate of substitution of about 0.02 to 0.07. In this manner, the disclosure provides a multi-layered tissue web having treated fiber selectively incorporated therein, where the tissue web has basis weight greater than about 10 grams per square meter (gsm), such as from about 10 to about 50 gsm, a sheet bulk greater than about 8 cc/g, such as from about 8 to about 15 cc/g and Stiffness Index less than about 15, such as from about 8 to about 12.

20 Claims, No Drawings