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[Continued on next page]

(54) Title: WHISKER-REINFORCED HYBRID FIBER BY METHOD OF BASE MATERIAL INFUSION INTO WHISKER YARN

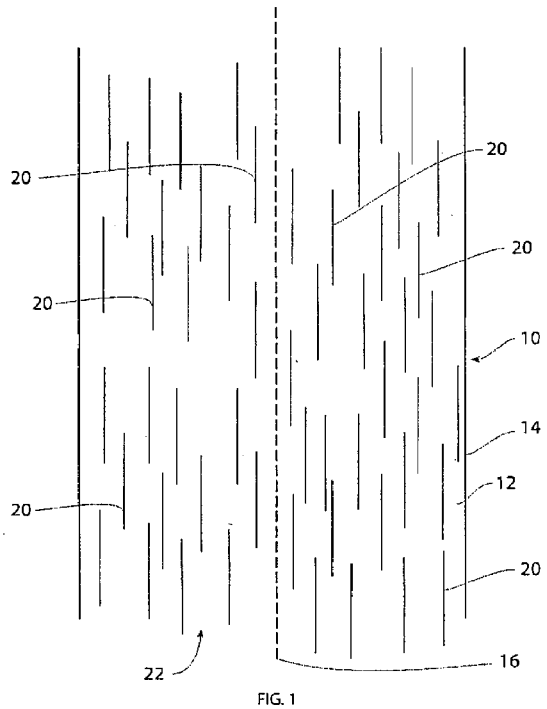


FIG. 1

(57) Abstract: A hybrid fiber consists of a continuous phase base material that permeates the length of the hybrid fiber and a plurality of fibrils or nanotubes that are dispersed throughout the hybrid fiber interior in the form of a yarn woven from the plurality of fibrils or nanotubes. The method of making the hybrid fiber involves coating the yarn with the continuous phase base material and infusing the continuous phase base material into the plurality of fibrils or nanotubes that form the yarn.

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B. FIELDS SEARCHED

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 2011/014467 A1 (BROWN NANCY E [US] ET AL) 20 January 2011 (2011-01-20) figure 1	13
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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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A	US 2011/186775 A1 (SHAH TUSHAR K [US] ET AL) 4 August 2011 (2011-08-04) the whole document	1-14
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