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- (71) Applicant (for all designated States except US): **TAR-KETT, INC.** [CA/CA]; 8088 Montview Road, TMR-Montreal, QC H4P 2LZ (CA).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **RODGERS, John** [US/US]; 2111 Wisteria Dr., Hixson, TN 37347 (US).
- (74) Agent: **FACTOR, Jody, L.**; Factor & Lake, Ltd., 1327 W. Washington Blvd., Suite 5g/h, Chicago, IL 60607 (US).

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(54) Title: FIRE RESISTANT ARTIFICIAL TURF

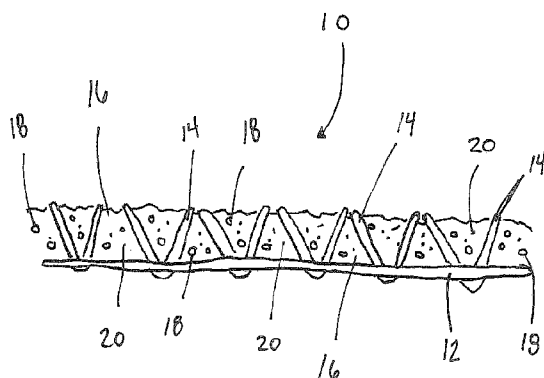


FIG. 1

(57) Abstract: An artificial turf system that includes a plurality of pellets in an infill disposed on a backing material and between individual synthetic fibers extending away from the backing material, wherein the pellets are a fire retardant material, for example, a salt, and more particularly an inorganic salt, encapsulated in a water insoluble material.