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Abstract

ENDLESS TRACK FOR HIGH SPEED MULTI-TERRAIN VEHICLES

This invention relates to endless tracks and systems used to propel track-laying vehicles
5 [i.e., vehicles which use endless tracks rather than tires to contact the terrain over which
they are driven, e.g., tractors, tanks, bulldozers, etc.] and, more particularly, to an improved
rubber track design and system allowing the endless track to be driven more efficiently at
highway speeds. The track is made from a polymer adapted to travel over a drive
sprocket, a plurality of guide wheels and a tensioning wheel, said track having a first
10 exterior ground engaging surface and a second interior drive sprocket engaging surface,
said track comprising: a carcass portion in which*^p+4XIn which reinforcement are embedded into
said polymer; a plurality of tread lugs disposed on said first engaging surface; a plurality
of drive lugs disposed on said second engaging surface and a plurality of drive horns
disposed on said second engaging surface.

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