What is claimed is:

1. An endless track for a track system of a vehicle, the endless track comprising:

a carcass having an inner surface and an outer surface opposite to the inner surface;

a plurality of inner lugs extending from the inner surface and being longitudinally spaced along a longitudinal center plane of the endless track; and

a plurality of outer lugs extending from the outer surface and being longitudinally spaced along the outer surface, each one of the plurality of outer lugs comprising:

a first outer lug portion extending from the outer surface to a junction height, the first outer lug portion defining a base radius and having a junction interface at the junction height, the first outer lug portion being made of a first material, and including an outer lug reinforcing member;

a second outer lug portion extending from the junction interface of the first outer lug portion to an outer lug height, the second outer lug portion having an engaging surface at the outer lug height, the second outer lug portion being made of a second material different from the first material; and

a draft angle defined by a longitudinal side of the one of the plurality of outer lugs and a projection of the engaging surface of the one of the plurality of outer lugs.

2. The endless track of claim 1, wherein the outer lug reinforcing member has an outer lug reinforcing member height, and wherein ratio of the outer lug reinforcing member height over the junction height is at least about 0.75.

3. The endless track of claim 1 or 2, wherein a ratio of the junction height over the outer lug height is about 0.5.

4. The endless track of any one of claims 1 to 3, wherein:

each one of the plurality of outer lugs has, at a vertical center of the outer lug reinforcing member, a first outer lug length measured generally parallel to the longitudinal center plane of the endless track;

each one of the plurality of outer lug reinforcing members has, at the vertical center thereof, a first outer lug reinforcing member length measured generally parallel to the longitudinal center plane of the endless track; and

a ratio of the first outer lug length over the first outer lug reinforcing member length is about 0.47.

5. The endless track of claim 4, wherein:

each one of the plurality of outer lugs has, at a first end of the outer lug reinforcing member, a second outer lug length measured generally parallel to the longitudinal center plane of the endless track;

each one of the plurality of outer lug reinforcing members has, at the first end of the outer lug reinforcing member, a second outer lug reinforcing member length measured generally parallel to the longitudinal center plane of the endless track; and

a ratio of the second outer lug length over the second outer lug reinforcing member length is about 0.41.

6. The endless track of claim 5, wherein:

each one of the plurality of outer lugs has, at a second end of the outer lug reinforcing member, a third outer lug length measured generally parallel to the longitudinal center plane of the endless track;

each one of the plurality of outer lug reinforcing members has, at the second end of the outer lug reinforcing member, a third outer lug reinforcing member length measured generally parallel to the longitudinal center plane of the endless track; and

a ratio of the third outer lug length over the outer lug reinforcing member length is about 0.45.

7. The endless track of any one of claims 4 to 6, wherein the outer lug reinforcing member length is at most 50 millimetres.

8. The endless track of any one of claims 1 to 7, wherein a cross-sectional profile of the outer lug reinforcing member taken along the longitudinal center plane of the endless track generally has a hexagonal shape.

9. The endless track of any one of claims 1 to 7, wherein a cross-sectional profile of the outer lug reinforcing member taken along the longitudinal center plane of the endless track generally has an oblong shape.

10. The endless track of any one of claims 1 to 9, wherein the draft angle is greater than about 6 degrees.

11. The endless track of any one of claims 1 to 10, wherein a virtual center of the base radius of one of the plurality of outer lugs is coincident with a virtual center of the base radius of an other one of the plurality of outer lugs adjacent to the one of the plurality of outer lugs.

12. The endless track of any one of claims 1 to 11, wherein the first material has a first modulus of elasticity, the second material has a second modulus of elasticity, and the first modulus of elasticity is smaller than the second modulus of elasticity.

13. The endless track of any one of claims 1 to 12, wherein the first material has a first hardness value, the second material has a second hardness value, and the second hardness value is greater than the first hardness value.

14. The endless track of any one of claims 1 to 13, wherein the first outer lug portion is an underlying outer lug portion and the second outer lug portion is an overlying outer lug portion.

15. The endless track of any one of claims 1 to 14, wherein the second lug portion is made of stacked layers of the second material.

16. The endless track of any one of claims 1 to 14, wherein the second lug portion is pre-molded.

17. The endless track of any one of claims 1 to 14, wherein the second lug portion is extruded.

18. The endless track of any one of claims 1 to 17, wherein the longitudinal side is a first longitudinal side and a second longitudinal side, and at least one of the first and second longitudinal sides defines an at least partially arcuate profile.

19. The endless track of any one of claims 1 to 18, wherein at least some of the plurality of outer lugs are longitudinally aligned with some of the plurality of inner lugs.

20. A track system for a heavy vehicle, the track system comprising:

a frame;

a plurality of wheel assemblies connected to the frame;

the endless track of any one of claims 1 to 19 surrounding the plurality of wheel assemblies.