1105-54-174 **Jan P. Boronski** (jan.boronski@osu.cz), Ostrava, Czech Rep, **Gary Gruenhage*** (garyg@auburn.edu), Auburn, AL 36849, and **George Kozlowski** (kozloga@auburn.edu), Auburn, AL 36849. $1/k$*-homogeneous long solenoids.*

We study nonmetric analogues of Vietoris solenoids. Let $\Lambda$ be an ordered continuum, and let $\vec{p} = \langle p_1, p_2, \dots \rangle$ be a sequence of positive integers. We define a natural inverse limit space $S(\Lambda, \vec{p})$, where the first factor space is the nonmetric "circle" obtained by identifying the endpoints of $\Lambda$, and the $n$th factor space, $n > 1$, consists of $p_1 p_2 \cdot \dots \cdot p_{n-1}$ copies of $\Lambda$ laid end to end in a circle. We prove that for every cardinal $\kappa \geq 1$, there is an ordered continuum $\Lambda$ such that $S(\Lambda, \vec{p})$ is $\frac{1}{\kappa}$-homogeneous; for $\kappa > 1$, $\Lambda$ is built from copies of the long line. Our example with $\kappa = 2$ provides a nonmetric answer to a question of Neumann-Lara, Pellicer-Covarrubias and Puga-Espinosa from 2005, and with $\kappa = 1$ provides an example of a nonmetric homogeneous circle-like indecomposable continuum. Finally, we employ a cohomology argument to prove that for each ordered continuum $\Lambda$, as $\vec{p}$ varies there are $2^\omega$-many nonhomeomorphic spaces $S(\Lambda, \vec{p})$. (Received September 18, 2014)