${\bf append_assoc_sq^{0,22}}$

 $\forall as, \, bs, \, cs: \mbox{Top List.} \ ((as @ bs) @ cs) \sim (as @ bs @ cs)$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p38_323909_{append_assoc_sq}.html