${\bf append-cancellation-right}^{0,22}$

 $\begin{array}{l} \forall T \text{:Type, } as, \ as', \ bs, \ cs \text{:} T \ \text{List.} \\ \|as\| = \|as'\| \in \mathbb{Z} \Rightarrow (cs \ @ \ as) = (bs \ @ \ as') \in T \ \text{List} \Rightarrow cs = bs \end{array}$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p25_126419_{append-cancellation-right}.html