Inference at $*$
of proof for Lemma fseg_append:

$\vdash \forall T$:Type, l_1, l_2, l_3:(T List). fseg(T;l_1;l_2) $\Rightarrow$ fseg(T;l_1;l_3 @ l_2)
by ((((Unfold 'fseg' 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
),(first_nat 3:n)) (first_tok :t) inil_term)))·)
CollapseTHEN (((ExRepD)

CollapseTHEN (((((InstConcl [l_3 @ L])
THENM (((WeakSubstFor l_2 0)
THENM (
RWO "append_assoc" 0))·))·)
CollapseTHENA (Auto·))·))·))·

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