

Inference at \* 1 2 1 1  
of proof for Lemma decidable\_\_equal\_bool:

1. tt = ff  
⊢False  
by ((((((MoveToConcl 1)  
CollapseTHEN (Fold 'not' 0)).)  
CollapseTHEN (  
  BLemma 'btrue\_neq\_bfalse')).)  
CollapseTHEN ((Auto\_aux (first\_nat 1:n) ((first\_nat 1:n  
  ),(first\_nat 1000:n) (first\_tok :t) inil\_term))).