

Inference at \* 1 4  
of proof for Lemma decidable\_\_equal\_bool:

```
⊢(ff = ff) ∨ (¬(ff = ff))
  by ((Sel 1 (D 0))
      CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
        3:n)) (first_tok :t) inil_term))).
```