

Inference at * 2
of proof for Lemma assert_of_bnot:

```

1. p : B
 $\vdash (\uparrow(\neg_b p)) \Leftarrow (\neg(\uparrow p))$ 
  by (((BoolInd 1)
    CollapseTHEN (((Unfolds "assert bnot not" 0)
      CollapseTHEN (
        Rewrite (RepeatC (HigherC ifthenelse_evalC) 0)).)).)
    CollapseTHEN (
      (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).

```

1:

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1. True  $\Rightarrow$  False
 $\vdash$  False

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