Inference at $*$ 1
 of proof for Lemma iff_imp_equal_bool:

1. $a : \mathbb{B}$
2. $b : \mathbb{B}$
3. $(\uparrow a) \iff (\uparrow b)$

$\vdash a = b$

 by ((((OnCls [2;1] BoolCases)
 CollapseTHEN (RWH assert_evalC (-1)))·)
 CollapseTHEN (
  (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

 1:

  1. False ⇒ True
  2. False ⇐ True
  ⊢ ff = tt

 2:

  1. True ⇒ False
  2. True ⇐ False
  ⊢ tt = ff

 .