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

1. $p : \mathbb{B}$
2. $q : \mathbb{B}$
$\vdash (\uparrow(p \vee_b q)) \iff ((\uparrow p) \vee (\uparrow q))$
 by ((((OnHyps [2;1] BoolInd)
 CollapseTHEN (Rewrite
 (UnfoldC ‘bor‘

 ORTHENC HigherC ifthenelse_evalC
 ORTHENC HigherC assert_evalC)
 0))·)

 CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t
) inil_term)))·

 1:

 1. True
 $\vdash$ True $\vee$ True
 2:

 1. True
 $\vdash$ False $\vee$ True
 3:

 1. True
 $\vdash$ True $\vee$ False
 4:

 1. False $\vee$ False
 $\vdash$ False
 .