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

1. $b : \mathbb{B}$
2. $\neg(\uparrow b)$
$\vdash b = \mathrm{ff}$
  by BoolInd 1

  1:

    1. $\neg(\uparrow \mathrm{tt})$
    $\vdash \mathrm{tt} = \mathrm{ff}$
  2:

    1. $\neg(\uparrow \mathrm{ff})$
    $\vdash \mathrm{ff} = \mathrm{ff}$
  .