Inference at $*$
 of proof for Lemma assert_elim:

$\vdash \forall b{:}\mathbb{B}.\ (\uparrow b) \Rightarrow (b = \mathrm{tt})$
  by ((UnivCD)
  CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
    )) (first_tok :t) inil_term)))·

    1:

        1. $b : \mathbb{B}$
        2. $\uparrow b$
        $\vdash b = \mathrm{tt}$
    .

http://www.nuprl.org/FDLcontent/p0_942988_/p121_90215_{assert_elim}.html