Inference at $*$
of proof for Lemma assert_of_bnot:

$\vdash \forall p{:}\mathbb{B}.\ (\uparrow(\neg_b p)) \iff (\neg(\uparrow p))$
by ((((D 0)
CollapseTHENM (D 0))·)
CollapseTHENA ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. $p : \mathbb{B}$
$\vdash (\uparrow(\neg_b p)) \Rightarrow (\neg(\uparrow p))$

2:

1. $p : \mathbb{B}$
$\vdash (\uparrow(\neg_b p)) \Leftarrow (\neg(\uparrow p))$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_88646_{assert_of_bnot}.html