Inference at $*$
of proof for Lemma decidable_assert:

$\vdash \forall b{:}\mathbb{B}.\ \mathrm{Dec}(\uparrow b)$
by ((((Unfold ‘decidable‘ 0)
CollapseTHEN (D 0))·)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. $b : \mathbb{B}$
$\vdash (\uparrow b) \vee (\neg(\uparrow b))$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_89665_{decidable_assert}.html