Inference at $*$
of proof for Lemma squash_elim:

$\vdash \forall P{:}\mathbb{P}.\ \mathrm{SqStable}(P) \Rightarrow ((\downarrow P) \iff P)$
by ((Unfold ‘sq_stable‘ 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. $P : \mathbb{P}$
2. $(\downarrow P) \Rightarrow P$
3. $\downarrow P$

$\vdash P$

2:

1. $P : \mathbb{P}$
2. $(\downarrow P) \Rightarrow P$
3. P

$\vdash \downarrow P$

.