Inference at $*$ 2
 of proof for Lemma squash_elim:

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

$\vdash \downarrow P$

 by ((D 0)
 CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n
 )) (first_tok :t) inil_term)))·

 .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_100969_{squash_elim}2.html