Inference at $*$
of proof for Lemma squash_functionality_wrt_iff:

$\vdash \forall P, Q{:}\mathbb{P}.\ \{P \iff Q\} \Rightarrow \{(\downarrow P) \iff (\downarrow Q)\}$
by InteriorProof ((((((((Unfold ‘guard‘ 0)
CollapseTHENM (RepeatMFor 4 (D 0)))·)

CollapseTHENM (BLemma ‘squash_functionality_wrt_implies‘))·)

CollapseTHENM (HypBackchain))·)
CollapseTHENA ((Auto_aux (first_nat
1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_98636_{squash_functionality_wrt_iff}.html