Inference at $*$ 1 1
of proof for Lemma fincr_formation:

.....aux..... NILNIL

$\vdash\downarrow$WellFnd{1}($\mathbb{N}$;u,v.(λi,j. $i < j$)(u,v))
by ((((RW (RepeatC (UnfoldsC "wellfounded guard so_apply") ANDTHENC AbReduceC) 0)

CollapseTHEN (D 0))·)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. $P : \mathbb{N} \to \mathbb{P}_1$
2. $\forall j$:$\mathbb{N}$. ($\forall k$:$\mathbb{N}$. ($k < j$) $\Rightarrow$ ($P(k)$)) $\Rightarrow$ ($P(j)$)
3. $n : \mathbb{N}$

$\vdash P(n)$

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