Inference at $*$ 2
of proof for Lemma dcdr-to-bool-equivalence:

1. $P : \mathbb{P}$
2. $d : \mathrm{Dec}(P)$
3. P

$\vdash \uparrow[d]_b$
by (Unfolds “decidable“ (2)·)
CollapseTHEN (D (-2)·)·

1:

2. $x : P$
3. P

$\vdash \uparrow[\mathrm{inl}\ x\ ]_b$

2:

2. $y : \neg P$
3. P

$\vdash \uparrow[\mathrm{inr}\ y\ ]_b$

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