Inference at * 1 of proof for Lemma decidable__equal_bool:

```
1. a : \mathbb{B}
2. b : \mathbb{B}
\vdash \text{Dec}(a = b)
  by ((Unfold 'decidable' 0)
  CollapseTHEN (AllBoolInd)) \cdot
    1:
         (no hyps)
        \vdash (tt = tt) \lor (\neg(tt = tt))
     2:
         (no hyps)
         \vdash (\mathrm{ff} = \mathrm{tt}) \lor (\neg(\mathrm{ff} = \mathrm{tt}))
     3:
         (no hyps)
         \vdash (tt = ff) \lor (\neg(tt = ff))
     4:
         (no hyps)
        \vdash (\mathrm{ff} = \mathrm{ff}) \lor (\neg(\mathrm{ff} = \mathrm{ff}))
     •
```

 $http://www.nuprl.org/FDLcontent/p0_942988_/p121_90665_\{decidable_equal_bool\}1.html$