

Inference at *
of proof for Lemma assert_of_bnot:

```
⊢∀p:ℬ. (↑(¬bp)) ⇔ (¬(↑p))  
by (((D 0)  
CollapseTHENM (D 0)).)  
CollapseTHENA ((Auto_aux (first_nat 1:n  
  ) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).
```

1:

```
1. p : ℬ  
⊢ (↑(¬bp)) ⇒ (¬(↑p))
```

2:

```
1. p : ℬ  
⊢ (↑(¬bp)) ⇐ (¬(↑p))
```

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