```
formula_falsifiable_lemma1  THM

⊢  ∀a:Assignment, F:Formula. a |≠ F ⇒ ¬a |= F   by UnivCD
|
1. a : Assignment
2. F : Formula
3. a |≠ F
⊢  ¬a |= F
| by Unfold ‘not‘ 0 THEN Unfold ‘formula_sat‘ 0
|    THEN
|    Unfold ‘formula_falsifiable‘ 3
|
3. (F under a)  = 3₀
4. (F under a)  = 3₂
⊢  False  by HypSubst 3 4
|
4. 3₀ = 3₂
⊢   by ThreeNEQ -1
END
```