```
exp_functionality  THM

⊢  ∀n1,n2,k1,k2:ℕ. n1 = n2 ⇒ k1 = k2 ⇒ (n1↑k1) = (n2↑k2)  by UnivCD
|
1. n1 : ℕ
2. n2 : ℕ
3. k1 : ℕ
4. k2 : ℕ
5. n1 = n2
6. k1 = k2
⊢  (n1↑k1) = (n2↑k2)  by Assert (n1 = n2) THEN Assert (k1 = k2)
|
7. n1 = n2
8. k1 = k2
⊢
  by ApFunToHypEquands ‘x’ (x↑k1) ℕ 7
     THEN
     ApFunToHypEquands ‘x’ (n2↑x) ℕ 8
END
```