```
length_eq_cons  THM

⊢  ∀'a:S, P:(('a List)→𝔹), n:ℕ.
   (∀l:'a List. ||l|| = n+1 ⇒ P(l))
   ⟺
   (∀l:'a List. ||l|| = n ⇒ (∀x:'a. P(cons(x; l))))
  by RewriteOfThm Thm: hlength_eq_cons
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```