```
length_cons_2  THM

⊢  ∀'a:S, l:'a List, n:ℕ.
   ||l|| = n+1 ⟺ (∃h:'a, l':'a List. ||l'|| = n & l = cons(h; l'))
  by RewriteOfThm Thm: hlength_cons_2
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```