```
ho_assoc  THM

⊢  ∀'a,'c,'d,'b:S.
   all
   (λf:'c → 'd. all
                (λg:'b → 'c. all
                             (λh:'a → 'b. equal
                                          (o(f,o(g,h))
                                          ,o(o(f,g),h)))))
  by HOL "ho_assoc"
END
```