```
sub_less_0  THM

⊢  ∀n,m:ℕ. m<n ⟺ 0<nnsub(n;m)
  by RewriteOfThm
     Thm* all(λn:hnum. all(λm:hnum. equal(lt(m,n),lt(0,sub(n,m)))))
     {hsub_less_0}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```