```
iff_functionality_wrt_iff  THM

⊢  (P1 ⟺ P2) ⇒ (Q1 ⟺ Q2) ⇒ ((P1 ⟺ Q1) ⟺ (P2 ⟺ Q2))
  by GenUnivCD THEN HypBackchain
END
```