```
fpf-join-ap-sq  THM

⊢  ∀A:Type, eq:EqDecider(A), f:a:A fp-> Top, g:Top, x:A.
   f ⊕ g(x) ∼ if x ∈ dom(f)⟶ f(x) else g(x) fi
  by UnivCD
     THEN
     Repeat (Unfolds [‘fpf-join‘;‘fpf-ap‘;‘fpf-cap‘] 0 THEN Reduce 0)
     THEN
     SplitOnConclITE
END
```