```
card_settype_sq  THM

⊢  Bij(A; A'; f)
|  ⇒
|  (∀x:A. ↓B(x) ⟺ ↓B'(f(x))) ⇒ ({x:A| B(x) } ∼ {x:A'| B'(x) })
| by Auto
|
1. A : Type
2. A' : Type
3. B : A→Prop
4. B' : A'→Prop
5. f : A→A'
6. Bij(A; A'; f)
7. ∀x:A. ↓B(x) ⟺ ↓B'(f(x))
⊢  {x:A| B(x) } ∼ {x:A'| B'(x) }
| by Rewrite by
|    Thm*  {x:A| ↓B(x) } ∼ {x:A| B(x) }    {subset_sq_remove_card}
|
⊢  {x:A| ↓B(x) } ∼ {x:A'| ↓B'(x) }
  by Use:[f]
     BackThru:
     Thm*  Bij(A; A'; f)
           ⇒
           (∀x:A. B(x) ⟺ B'(f(x))) ⇒ ({x:A| B(x) } ∼ {x:A'| B'(x) })
     {card_settype}
END
```