



where

$$p = f \parallel (l \neq v)$$

$$F3 = ((A1, \{s1 = \text{have}\}), (B1, \{s1 = \text{have}, s2 = \text{none}\}))$$

$$F4 = ((A2, \{s1 = \text{have}\}), (B1, \{s1 = \text{have}, s2 = \text{none}\}))$$

$$F5 = ((A3, \{s1 = \text{have}\}), (B1, \{s1 = \text{have}, s2 = \text{none}\}))$$

$$F6 = ((A3, \{s1 = \text{have}\}), (C0, \{s1 = \text{have}, s2 = \text{have}\}))$$