



where

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

$$F3 = ((A1, \{sIn1 = \text{have}\}), (B1, \{sIn1 = \text{have}, sOut2 = \text{none}\}))$$

$$F4 = ((A2, \{sIn1 = \text{have}\}), (B1, \{sIn1 = \text{have}, sOut2 = \text{none}\}))$$

$$F5 = ((A3, \{sIn1 = \text{have}\}), (B1, \{sIn1 = \text{have}, sOut2 = \text{none}\}))$$

$$F6 = ((A3, \{sIn1 = \text{have}\}), (C0, \{sIn1 = \text{have}, sOut2 = \text{have}\}))$$