$$P o prog (I_D)D_1\{S\}-> (I_D)$$

$$D_1 \to I_L : D$$

$$B o \epsilon$$

$$D \to array[consD_2]; D_1$$

$$\to integer; D_1$$

$$D_2 \to consD2 \to \epsilon$$

$$C$$

$$A I_{L_1} \to idI_{L_1}$$

$$A I_{L_1} \to rI_L$$

$$\to \epsilon$$

Figure 1: Declaration Semantics Example