<SST> 🡪 <assgn\_var> | <fn\_call> | <instof\_st> | <assgn\_arr> | <assgn\_obj> | <assgn\_dict> | <assgn\_enum> | <incdec\_st>

Let A = assgn\_var, B = assgn\_arr, C = assgn\_obj, D = assgn\_dict, E = assgn\_enum, F = fn\_call, G = instncof, H = inc\_dec

SST 🡪 <A> 🡪 <A1> ID <A2> <A3>

SST 🡪 <B> 🡪 <A1> ID <A2> <B1>

SST 🡪 <C> 🡪 <A1> ID <A2 > = new ID { < C1>}

SST 🡪 <D> 🡪 <A1> ID <A2> = { <D1> }

SST 🡪 <E> 🡪 <A1> ID <A2> = <A6>

SST 🡪 <F> 🡪 <A1> ID <A2> { <F1> }

SST 🡪 <G> 🡪 <A1> ID <A2> instanceof ID

SST 🡪 <H> 🡪 <A1> ID <A2> inc-dec

SST 🡪 <H> 🡪 inc-dec <A1> ID <A2>

SST 🡪 <A1> ID <A2> <SST2>

SST2 🡪 **= <A5>**

SST2 🡪 **COMPASS <A5>**

SST2 🡪 **= <B2>**

SST2 🡪 = new ID { < C1>}

SST2 🡪 = { <D1> }

SST2 🡪= <A6>

SST2 🡪 { <F1> }

SST2 🡪 instanceof ID

SST2 🡪 inc-dec

<fn-call> → <TS> ID <option> { <args\_list> }

Let F1 = args\_list

**<assgn\_var> --> <TS> ID <option> <assgn\_var\_val>**

**<asgn\_var\_val> --> <assgn\_op> <assgn\_op\_b>**

**<assgn\_op\_b> --> ID <asgn\_var\_val> | <OE>**

**<assgn\_op> = | COMPASS**

**Let A1 = TS, A2 = opt, A3 = assgn\_var\_val, A4 = assgn\_op, A5 = asgn\_op\_b, A6 = OE**

**<assgn\_arr> --> <TS> ID <option> <assgn\_arr\_val>**

**<assgn\_arr\_val> 🡪 = <assgn\_arr\_val\_b>**

**<assgn\_arr\_val\_b> 🡪 ID <assgn\_arr\_val> | <value\_list>**

**<value\_list> --> { <values>}**

**<values> 🡪 <value> <arr\_val> <values’>**

**<values’> 🡪 , <value> <values’> | €**

**<value> --> <OE> | <value\_list>**

**<arr\_val> --> , <OE> <arr\_val> | €**

**Let B1 = assgn\_arr\_val, B2 = assgn\_arr\_val\_b,**

**B3 = value\_list, B4 = values, B5 = value,**

**B6 = arr\_val, B7 = values’**

**<Assgn\_obj> --> <TS> ID <option> = new ID { <arguments>}**

**<arguments> --> <args\_list> | €**

**<args\_list> --> <OE> <list\_args> | ∈**

**<list\_args> --> , <OE> <list\_args> | ∈**

**Let C1 = arguments, C2 = args\_list, C3 = list\_args**

**<assgn\_dict> --> <TS> ID <option> = { <values\_of\_dic> }**

**<values\_of\_dic> --> ID : <OE> <dict\_val> | €**

**<dict\_val> --> , ID : <OE> <dict\_val> | €**

**Let D1 = values\_of\_dic, D2 = dict\_val**

**<assgn\_enum> --> <TS> ID <option> = <OE>**

<incdec\_st> 🡪 inc-dec <TS> ID <option> | <TS> ID <option> inc-dec

<instof\_st> 🡪 <TS> ID <option> instanceof ID