Equation assignment sequence for variable G_N

no	var	equ	quations	token
10	11	-	l_N :: port variable	
9	1	-	# :: port variable	
8	17	-	S_N :: port variable	
7	16	-	U_N :: port variable	
6	14	17	$r_{zN} := \text{Instantiate}(l_N, \#)$	
5	13	16	$r_{yN} := \text{Instantiate}(l_N, \#)$	
4	12	13	$r_{xN} := \text{Instantiate}(l_N, \#)$	
3	20	12	$p_N := \frac{\partial U_N}{\partial V_N}$	
2	19	11	$T_N := \frac{\partial U_N}{\partial S_N}$	
1	15	7	$V_N := r_{xN} \,.\, r_{yN} \,.\, r_{zN}$	
0	24	1	$G_N := U_N + p_N \,.\, V_N - T_N \,.\, S_N$	