$A == [ns : \mathbb{F}\,\mathbb{N}_1]$
$AInit == [A' \mid ns' = \varnothing]$
$New == [\Delta A;\ n? : \mathbb{N}_1 \mid ns' = ns \cup \{n?\}]$
$MSF == [\Xi A;\ m! : \mathbb{N}_1 \mid ns \neq \varnothing;\ m! = max\,ns]$

Non Injective seq allows 2MSF to not be unique.

$$
\begin{array}{l}
\underline{C3} \\
\quad cs : \mathrm{seq}\,\mathbb{N}_1 \\
\hline
\quad (\_ < \_)\,\S\,cs \subseteq cs\,\S\,(\_ < \_) \\
\end{array}
$$

$LI3 == [A;\ C3 \mid ns = ran\ cs]$

$$
\begin{array}{l}
\underline{C3MSF2} \\
\quad \Xi C3;\ ma!, mb! : \mathbb{N}_1 \\
\hline
\quad \#(ran\ cs) \geq 2 \\
\quad ma! = last\ cs \\
\quad mb! = last\,(front\ cs) \\
\end{array}
$$