Synthesized solution for benchmark `00medstrai.c`

```
solution
 └── (Partial), cond b₁₄:  N > 0
```

$$\text{(Partial), cond } b_{14}: \quad N > 0$$

$\left\{\begin{array}{l} Case\ \neg b_{14}: \\ \end{array}\right.$

$k_1 = (b_{14}\cdot I_{()\ =\ \texttt{m1}()};\ {}^{\cdot}G_{()\ =\ \texttt{m2}()};\ +\ \neg b_{14}\cdot 1)\cdot E_{()\ =\ \texttt{m4}()};\ {}^{\cdot}D_{()\ =\ \texttt{m5}()};\ {}^{\cdot}(a_9\cdot C_{()\ =\ \texttt{m11}()};\ {}^{\cdot}B_{()\ =\ \texttt{m12}()};\ +\ \neg a_9\cdot 1)\cdot A_{()\ =\ \texttt{m14}()};\ {}^{\cdot}M_{()\ =\ \texttt{m15}()};$

$k_2 = L_{()\ =\ \texttt{m1}()};\ {}^{\cdot}G_{()\ =\ \texttt{m2}()};\ {}^{\cdot}E_{()\ =\ \texttt{m4}()};\ {}^{\cdot}D_{()\ =\ \texttt{m5}()};\ {}^{\cdot}C_{()\ =\ \texttt{m11}()};\ {}^{\cdot}B_{()\ =\ \texttt{m12}()};\ {}^{\cdot}A_{()\ =\ \texttt{m14}()};\ {}^{\cdot}M_{()\ =\ \texttt{m15}()};$

$$\text{(Partial), cond } a_9: \quad N < 0$$

$\left\{\begin{array}{l} Case\ a_9: \\ \end{array}\right.$

$k_1 = 1\cdot 1\cdot E_{()\ =\ \texttt{m4}()};\ {}^{\cdot}D_{()\ =\ \texttt{m5}()};\ {}^{\cdot}(a_9\cdot C_{()\ =\ \texttt{m11}()};\ {}^{\cdot}B_{()\ =\ \texttt{m12}()};\ +\ \neg a_9\cdot 1)\cdot A_{()\ =\ \texttt{m14}()};\ {}^{\cdot}M_{()\ =\ \texttt{m15}()};$

$k_2 = L_{()\ =\ \texttt{m1}()};\ {}^{\cdot}G_{()\ =\ \texttt{m2}()};\ {}^{\cdot}E_{()\ =\ \texttt{m4}()};\ {}^{\cdot}D_{()\ =\ \texttt{m5}()};\ {}^{\cdot}C_{()\ =\ \texttt{m11}()};\ {}^{\cdot}B_{()\ =\ \texttt{m12}()};\ {}^{\cdot}A_{()\ =\ \texttt{m14}()};\ {}^{\cdot}M_{()\ =\ \texttt{m15}()};$

AComplete

$\left\{\begin{array}{l} Axioms: \{L = 1, P = 1\} \\ \end{array}\right.$

$k_1 = 1\cdot 1\cdot E_{()\ =\ \texttt{m4}()};\ {}^{\cdot}D_{()\ =\ \texttt{m5}()};\ {}^{\cdot}1\cdot C_{()\ =\ \texttt{m11}()};\ {}^{\cdot}B_{()\ =\ \texttt{m12}()};\ {}^{\cdot}A_{()\ =\ \texttt{m14}()};\ {}^{\cdot}M_{()\ =\ \texttt{m15}()};$

$k_2 = L_{()\ =\ \texttt{m1}()};\ {}^{\cdot}P_{()\ =\ \texttt{m2}()};\ {}^{\cdot}E_{()\ =\ \texttt{m4}()};\ {}^{\cdot}D_{()\ =\ \texttt{m5}()};\ {}^{\cdot}C_{()\ =\ \texttt{m11}()};\ {}^{\cdot}B_{()\ =\ \texttt{m12}()};\ {}^{\cdot}A_{()\ =\ \texttt{m14}()};\ {}^{\cdot}M_{()\ =\ \texttt{m15}()};$

Remaining 1 solutions ommitted for brevity.