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(a) $f \leftarrow 0$, 一切相同

a. watched pins: $\{a, d\}$
 watching-0: $\{\}$
 watching-1: $\{\}$
 watching-known: $\{a\}$

b. watched pins: $\{b, j\}$
 watching-0: $\{\}$
 watching-1: $\{b, c\}$
 watching-known: $\{\}$

c. watched pins: $\{c, k\}$
 watching-0: $\{c\}$
 watching-1: $\{\}$
 watching-known: $\{\}$

(b) $b \leftarrow 1$, change watched pin $b \rightarrow k$, clean watching-1

a. $\{a, d\}$
 $\{\}$
 $\{\}$
 $\{a\}$

$\{j, k\}$
 $\{\}$
 $\{\}$
 $\{\}$

$\{c, g\}$
 $\{c\}$
 $\{\}$
 $\{\}$

(c) $c \leftarrow 0$, 一切相同

$\{a, d\}$
 $\{\}$
 $\{\}$
 $\{a\}$

$\{j, k\}$
 $\{\}$
 $\{\}$
 $\{\}$

$\{c, g\}$
 $\{c\}$
 $\{\}$
 $\{\}$

(d) $a \leftarrow 1$, imply $d = 0$. 其它相同.

(all fanin have value) $\{a, d\}$
 $\{\}$
 $\{\}$
 $\{a\}$

$\{j, k\}$
 $\{\}$
 $\{\}$
 $\{\}$

$\{c, g\}$
 $\{c\}$
 $\{\}$
 $\{\}$

(e) $k \leftarrow 1$, 一切相同

$\{a, d\}$
 $\{\}$
 $\{\}$
 $\{a\}$

$\{j, k\}$
 $\{\}$
 $\{\}$
 $\{\}$

$\{c, g\}$
 $\{c\}$
 $\{\}$
 $\{\}$

2

(f) $j \leftarrow 0$, change watched pin $j \rightarrow l$

{a, d}

{ }

{ }

{a }

{k, l}

{ }

{ }

{ }

{c, g}

{c }

{ }

{ }

(g) $g \leftarrow 0$, imply $c=0$, change watched pin $c \rightarrow h$, clear watching-0.

{a, d}

{ }

{ }

{a }

{k, l}

{ }

{ }

{ }

{g, h}

{ }

{ }

{ }

(h) $h \leftarrow 1$, change watched pin $h \rightarrow i$

{a, d}

{ }

{ }

{a }

{k, l}

{ }

{ }

{ }

{g, h}

{ }

{ }

{ }