

COMPILING FOR PROGRAMMABLE CULLING UNIT**Abstract of the Disclosure**

5 During compilation, the interval bounds for a programmable culling unit are
calculated if possible. For each variable, interval bounds are calculated during the
compilation, and the bounds together with other metadata are used to generate an
optimized culling program. If not possible, then an assumption may be made and the
assumption used to compile the code. If the assumption proves to be invalid, a new
10 assumption could be made and the code may be recompiled in some embodiments.

(Fig. 4a)