

Claims

1. A disinfecting device comprising
5 a seal engagement station, said station having a seal piercing pillar;
a solution tank arranged to contain a disinfectant solution, said solution tank
couplable to the seal engagement station;
Wherein the solution tank includes a seal for sealing the solution in the solution
tank, such that on coupling the solution tank to the seal engagement station, the
10 pillar is arranged to pierce the seal and release the solution.
2. The disinfecting device according to claim 1, wherein the pillar includes a
longitudinal slot, such that on insertion into the solution tank, the slot and seal
form an inlet within the solution tank, and outlet external to the solution tank
15 and a conduit connecting the inlet and outlet.
3. The disinfecting device according to claim 1, wherein the pillar includes a
cylinder having an axial opening proximate to a piercing tip, and an outlet
proximate to a base of the pillar, such that solution is arranged to inflow into the
20 inlet and outflow from the outlet.
4. The disinfecting device according to any one of claims 1 to 3, wherein the seal
includes a frangible portion, said pillar arranged to pierce the seal by breaking
said frangible portion.

5. The disinfecting device according to claim 4, wherein the seal includes flaps proximate to the frangible portion, said flaps arranged to resiliently deform on piercing of the seal and re-form on withdrawal of the pillar.