

An apparatus for disinfecting surfaces and in particular human and animal wounds, comprises a contactor (12) for accumulating concentrated ozonated water and means (34,37) to deliver ozonated water from the reservoir to a nozzle (3a) having one or more jets for delivering a spray of ozonated water on to the surface to be treated. The nozzle has an encircling shroud (40) and means (32) are provided for withdrawing ozonated gas liberated at the nozzle from around the nozzle. A collection tray (43) is provided which is located under the surface/wound to be treated to receive ozonated water flowing from the treatment region and where any residual ozone present is broken down.