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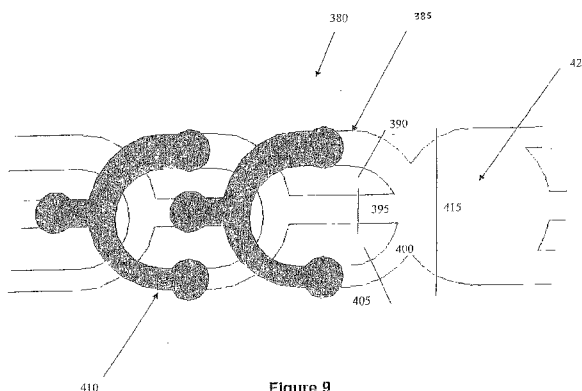


Figure 9

(57) Abstract: A microfluidic mixing device for mixing at least two fluids to form a mixed fluid comprising: a first mixing chamber (420) for receiving the fluids from at least two fluid paths (385, 410); a mixing zone (380) upstream from the mixing chamber (420) having a first and second fluid path; said first and second fluid paths overlapping at first and second discrete points so as to provide mutual fluid communication between the first and second paths at said discrete points.