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(54) Title: INTERCONNECTION OF MICROFLUIDIC DEVICES

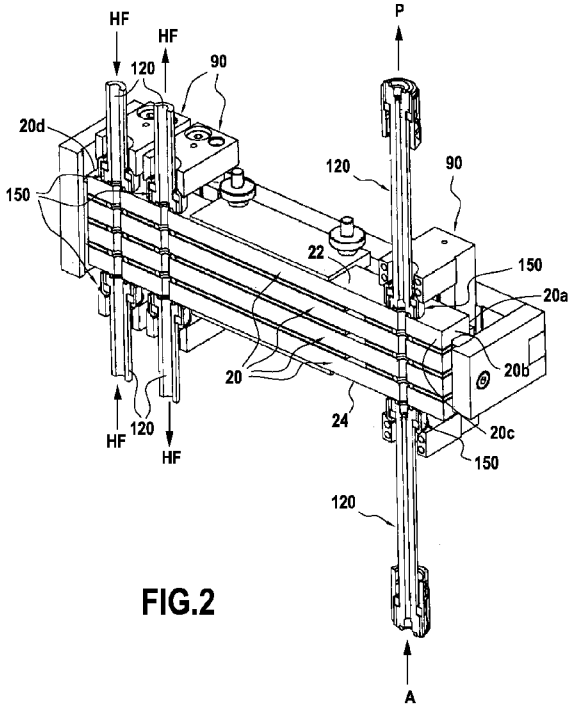


FIG.2

(57) Abstract: A microfluidic device (10) includes at least two glass, ceramic or glass ceramic microfluidic modules (20) fluidicaly interconnected and of substantially plate shape defining generally four relatively thin edges (20a, 20b, 20c, 20d) and two opposite relatively large faces (22, 24), each microfluidic module (20) including at least one microfluidic channel (30) defining at least in part a microchamber (32); at least one fluidic inlet (50) and at least one fluidic outlet (60); and said microfluidic modules being tightly interconnected with a fluid duct (120) through at least one tightly holding connector (90) comprising at least one clamping structure or means (95, 97), and is characterized in that the at least one clamping means (95, 97) comprises a joint (150) comprising a spherical shaped member (160) and a cup shaped member (170).

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