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(54) **MICROFLUIDIC SUBSTRATE ASSEMBLY AND METHOD FOR MAKING SAME**

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(75) Inventors: **David Strand**, Sherborn, MA (US); **Joseph Antocci**, Leominster, MA (US); **Peter Myers**, Bromborough (GB); **David Barrow**, Cardiff (GB); **Joseph Cefai**, Swansea (GB); **Tim Myers**, Bromborough (GB)

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(57) **ABSTRACT**

Correspondence Address:
BANNER & WITCOFF, LTD.
28 STATE STREET
28th FLOOR
BOSTON, MA 02109-9601 (US)

(73) Assignee: **Protasis Corporation**, Marborough, MA

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(63) Continuation of application No. 10/033,315, filed on Dec. 27, 2001, now abandoned, which is a continu-

A novel microfluidic substrate assembly and method for making same are disclosed. The substrate assembly comprises a multi-layer laminated substrate defining at least one fluid inlet port and at least one microscale fluid flow channel within the multi-layer substrate in fluid communication with the inlet port for transport of fluid. The substrate assembly may optionally comprise additional components and elements located within the substrate assembly or attached to the substrate assembly.

