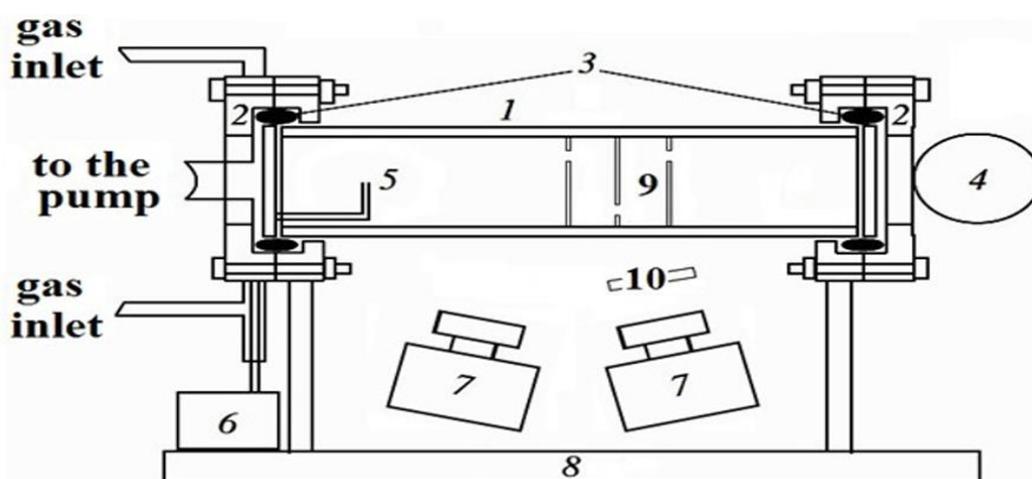


Interaction between laminar flames of natural gas–oxygen mixtures and planar obstacles with asymmetrical openings

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**Figure S1** Experimental installation: (1) quartz reactor, (2) stainless steel gateway, (3) Viton seal, (4) stainless steel shutter, (5) spark electrodes, (6) spark ignition circuit, (7) high-speed color movie camera, (8) rail, (9) planar obstacles with asymmetrical openings [see Figure 1(c)], (10) interference filter with a bandpass of  $435 \pm 15$  nm.