PUZZLE GRILLS

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In travelling around medieval cities, one sees heavy grills over windows of buildings. Many years ago, I noticed that the bars at the centre formed a pattern which seemed impossible to assemble. I later saw how to assemble this central area by a simultaneous converging process but the pattern continues and this makes my idea fail. I showed the idea to James Dalgety, who made an example from heavy wire, and I saw how to assemble the whole pattern easily.