ACROSS
1 A composition for two voices and orchestra by Gustav Mahler (3,4,3,3,4)
10 A short broad sword slightly convex in shape (8)
11 A branch of engineering science needed for space travel (8)
12 Form of belief that equates God with the universe (9)
13 The group who sang “Part of the Union” (7)
15 A city in the Lone-Star state (4)
17 The Dutch name for the third largest city in the Netherlands (1,10)
19 A person who makes quantitative evaluations (8)
20 A Sikh place of worship (8)
22 The eponymous female character of a novella by Henry James (5,6)
24 Jacques (1859-1924), who did pioneering research in artificial parthenogenesis (4)
26 One holding the right to present a member of the clergy to a particular benefice or living (7)
27 (Plants bearing) peppers that are long and very hot (9)
30 The Devil’s -----------, a play by George Bernard Shaw (8)
31 Collections of information in computer files (4,4)
32 A play in which the judge Angelo is portrayed as a villain (7,3,7)

DOWN
2 The name of Jordan’s port on a gulf of the same name (5)
3 Sites for filming outside the studio (9)
4 Website publications (6)
5 A ribbon-shaped gelatinous sea creature (6,6)
6 A goddess of destiny in Norse mythology (4)
7 Like an utterance given a pope with the authority of his office (2,8)
8 A local government district containing the town of Ilkeston (7)
9 Film actor who gained prominence playing the part of a medical student in Doctor in the House (4,7)
14 The feisty female of a traditional Scottish song (6,6)
16 In English, a verse of six iambics (11)
18 Death personified as an old man with a scythe (4,6)
21 A strict Christian group originating in France in the 12th century (9)
23 Candlesticks; fines imposed at Oxford University (7)
25 Material used to construct a framework for a fence or a building, sometimes filled with daub (6)
28 A Scottish and Irish word for the axilla (5)
29 An archaic term for money or riches, especially in a bad sense (4)

The first correct entry drawn on Wednesday August 15 wins a copy of The Chambers Dictionary. Entries should be addressed to Polymath No 981, Weekend FT, One Southwark Bridge, London SE1 9HL. The solution and winner’s name will be published on August 18.