Problem 12.82 of the Kourovka Notebook (a collection of unsolved problems in group theory) asks for all ordered pairs \((n, m)\) such that the symmetric group \(S_n\) embeds in \(S_m\) as a maximal subgroup. One family of such pairs is obtained when \(m = n + 1\). Results due to Kalužnin and Klin, and Halberstadt provided an additional infinite family. This paper answers the Kourovka question by producing a third infinite family of ordered pairs and showing that no other pairs exist. (Received September 15, 2005)