1031-03-17Jindrich Zapletal* (zapletal@math.ufl.edu), 358 Little Hall, Gainesville, FL 32611-8105.Splitting reals and product forcing.

Laver showed that the countable support product of Sacks forcing does not add splitting reals. His argument uses Halpern-Lauchli theorem and it is quite specific to Sacks forcing. I will present a property of forcing that is preserved under countable products, it implies that no splitting reals are added, and it is reasonably easy to check in a number of instances. The underlying combinatorial tool is a result of DiPrisco, Llopis, and Todorcevic on parametrized parametrized relations. (Received July 04, 2007)