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**Jonathan I Hall\*** ([jhall@math.msu.edu](mailto:jhall@math.msu.edu)), Department of Mathematics, Michigan State University, 619 Red Cedar Road, East Lansing, MI 48840. *Octonion multiplication groups and spin.*

In 2003 Nagy and Vojtěchovský noted that the identification of the multiplication group of the unit split octonions with the corresponding group of type  $D_4$  was observed in the literature but rarely (if ever) proved before their paper. Here we reprove this as a special case of the multiplication group of unit octonions in general. We make reference to Freudenthal's version of triality and its relationship to spin groups in dimension 8. (Received August 15, 2016)