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(54) **PRECAST COMPOSITE STRUCTURAL FLOOR SYSTEM**

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(75) Inventors: **David H. Platt**, West Jordan, UT (US); **John E. Charchenko**, West Bountiful, UT (US); **Daryl G. Hodgson**, Lehi, UT (US); **Russell J. Platt**, Holladay, UT (US)

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Correspondence Address:

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, UT 84111 (US)

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(73) Assignee: **PLATTFORMS, INC.**, Holladay, UT (US)

(57) **ABSTRACT**

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A composite floor panel includes a frame assembly having a base plate, a plurality of first lateral supports secured to the base plate, and a plurality of second lateral supports secured to the base plate. The first lateral supports lie in a first plane and the second lateral supports lie in a second plane. The first plane and the second plane each intersect the base plate and the first plane is disposed at an angle relative to the second plane. The composite floor panel also includes a concrete portion coupled to and supported by the first lateral supports and the second lateral supports.

Related U.S. Application Data

(63) Continuation-in-part of application No. 12/465,597, filed on May 13, 2009.

