

CLAIMS

1. A ceramic slurry composition for 3D printing comprising:
 - 40-60% w/w porcelain; and
 - 5 - 60-40% w/w organic resin.
2. The ceramic slurry composition of claim 1, wherein the porcelain comprises:
 - 15-20% w/w feldspar;
 - 10 - 50-60% w/w silica;
 - 5-10% w/w clay; and
 - 15-20% w/w alumina.
3. The ceramic slurry composition of claim 1, further
15 comprising 2-5% w/w of a polymeric additive selected from the group consisting of polyethylene glycol, oleic acid, stearic acid, and combinations thereof.
4. The ceramic slurry composition of claim 1, wherein the
20 organic resin is liquid and photocurable.
5. The ceramic slurry composition of claim 1, wherein the organic resin is selected from the group consisting of polylactic acid, polymethylmethacrylate, and acrylate-
25 based resins.