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(71) Applicant: **NANOFIBER SOLUTIONS, LLC** [US/US];
5164 Blazer Parkway, Dublin, Ohio 43017 (US).

(72) Inventors: **JOHNSON, Jed K.**; 2903 Little Darby Road,
London, Ohio 43140 (US). **OHST, Devan**; 1441 Chesapeake
Avenue, Columbus, Ohio 43212 (US). **CASTADA,**

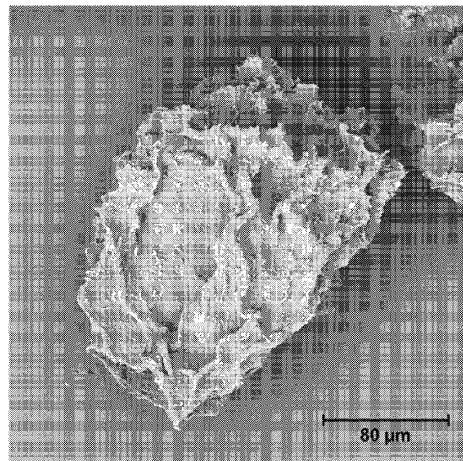
Hardy Z.; 3510 Harrow Gate Ct., Upper Arlington, Ohio
43220 (US). **KAHN, Mitchell T.**; c/o Nanofiber Solutions,
LLC, 5164 Blazer Parkway, Dublin, Ohio 43017 (US).
DO, Kevin; c/o Nanofiber Solutions, LLC, 5164 Blazer
Parkway, Dublin, Ohio 43017 (US). **COIA, Heidi**; c/o
Nanofiber Solutions, LLC, 5164 Blazer Parkway, Dublin,
Ohio 43017 (US). **MCNAMARA, Marilyn**; c/o Nanofiber
Solutions, LLC, 5164 Blazer Parkway, Dublin, Ohio 43017
(US).

(74) Agent: **MILLER, Raymond A.** et al.; DLA Piper LLP
(US), One Liberty Place, 1650 Market Street, Suite 5000,
Philadelphia, Pennsylvania 19103-7300 (US).

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(54) Title: EDIBLE SCAFFOLDS FOR CULTURED MEAT PRODUCTION

FIG. 1



(57) Abstract: An edible scaffold for cultured meat production. The scaffold comprises a polysaccharide and a plant-based protein formed of fibers, microcarriers, or other structural elements. The structural elements can comprise a diameter between about 1 μm to about 1000 μm. The scaffold can be formed via extrusion or an electrohydrodynamic technique. The scaffold further undergoes a surface modification treatment configured to facilitate attachment by cells. The scaffold can be used to culture myoblasts and other cells for the production of a meat product. The scaffold is incorporated into and ultimately a component of the resulting meat product.

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