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**Duncan et al.**(10) **Pub. No.: US 2023/0232505 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **ELECTROMAGNETIC WAVE REDUCING  
HEATERS AND DEVICES AND SAUNAS**filed on Mar. 25, 2011, provisional application No.  
61/467,884, filed on Mar. 25, 2011.(71) Applicant: **Sauna Works Inc. (aka Far Infrared  
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(US)(21) Appl. No.: **18/186,847**(22) Filed: **Mar. 20, 2023****Related U.S. Application Data**(63) Continuation of application No. 17/394,315, filed on  
Aug. 4, 2021, now Pat. No. 11,641,702, which is a  
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Nov. 30, 2018, now Pat. No. 11,202,346, which is a  
continuation-in-part of application No. 15/806,262,  
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30, 2017, provisional application No. 61/467,884,**Publication Classification**(51) **Int. Cl.****H05B 6/10** (2006.01)**A61H 33/06** (2006.01)**H01F 27/36** (2006.01)(52) **U.S. Cl.**CPC ..... **H05B 6/10** (2013.01); **A61H 33/063**  
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(57)

**ABSTRACT**

Systems may include a heater including a plurality of heating elements that may include a first heating element configured to generate heat based on a first current, and a second heating element configured to generate heat based on a second current. Systems may further include an electromagnetic (EM) radiation reducing device configured to cancel electromagnetic emissions from the heater. The EM radiation reducing device may include a first EM radiation reduction element positioned adjacent to a first side of the heater, and a second EM radiation reduction element positioned adjacent to a second side of the heater, where the first and second EM radiation reduction elements have geometries configured based, at least in part, on the heater.