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(54) **Title:** USING EXPANDABLE METAL AS AN ALTERNATE TO EXISTING METAL TO METAL SEALS

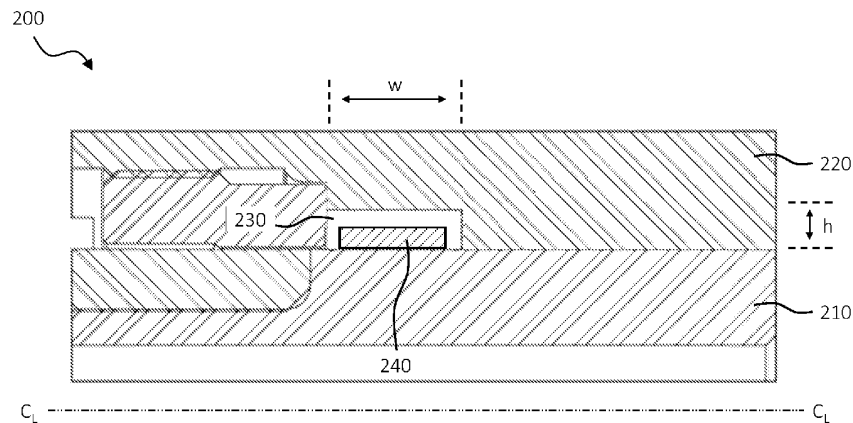


FIG. 2A

(57) **Abstract:** Provided is a seal assembly, a method for sealing, and a well system. The seal assembly, in one aspect, includes a pipe having an outer tubular positioned thereabout, the outer tubular and pipe forming an enclosed seal gland. The seal assembly, according to this aspect, further includes expanded metal positioned within the enclosed seal gland, the expanded metal comprising a metal that has expanded in response to hydrolysis to assist in sealing the enclosed seal gland.

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WO 2022/255986 A1

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