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(54) Title: MIXED ARRAY IMAGING PROBE

(57) Abstract: An apparatus for imaging a target and a process of making the apparatus are provided. The apparatus includes a housing and a distal portion. The distal portion includes an acoustic subarray on a first substrate configured to transmit acoustic signals toward the target. The distal portion includes an optical subarray on a second substrate, configured to detect acoustic signals from the target. The distal portion includes an input/output (I/O) region including one or more optical I/O channels. The one or more optical I/O channels is configured to bend optical signals between the optical subarray and the one or more optical I/O channels.



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