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(54) METHOD AND APPARATUS TO INPUT AND OUTPUT HAPTIC DATA

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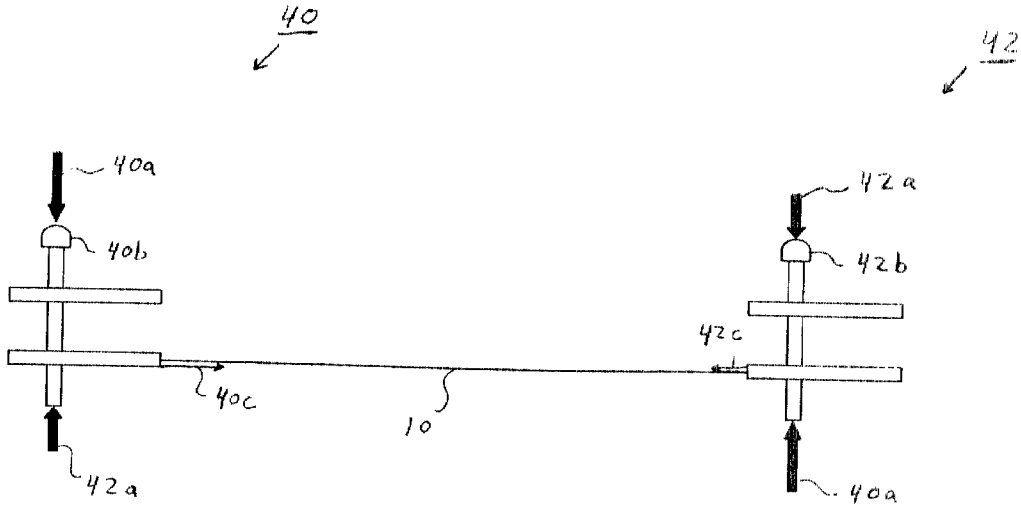
(57) **ABSTRACT**

Apparatus and methods are disclosed for inputting and rendering haptic data. Wherein, a haptel generates a signal in response to subjecting the haptel to a stimulus.