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(54) **ORGANIC ELECTROLUMINESCENT
MATERIALS AND DEVICES**

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(57) **ABSTRACT**

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(63) Continuation-in-part of application No. 18/350,759,
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Provided are organometallic compounds comprising a platinum atom as the central atom which is complexed by a tetradentate ligand comprising at least three rings as well as a at least one bicyclic moiety comprising at least one nitrogen atom. Also provided are formulations comprising these organometallic compounds. Further provided are organic light emitting devices (OLEDs) and related consumer products that utilize these organometallic compounds.

