



### Unmanned Aerial System Detection and Mitigation

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#### Summary

The University of North Dakota has patented an unmanned aerial vehicle detection and mitigation system. The system includes various sensors to detect an unmanned aerial vehicle within a detection zone. The system receives data from the sensors, determines a flight risk level, determines a corrective action, and causes the unmanned aerial vehicle to take a corrective action.

#### Advantages

- Information received by sensors is compared with known unmanned-aerial vehicle (UAV) characteristics to determine the optimal corrective action.
- System can include an artificial neural network for increased performance.
- UAV risk assessment can be implemented for improved safety.

#### Inventors

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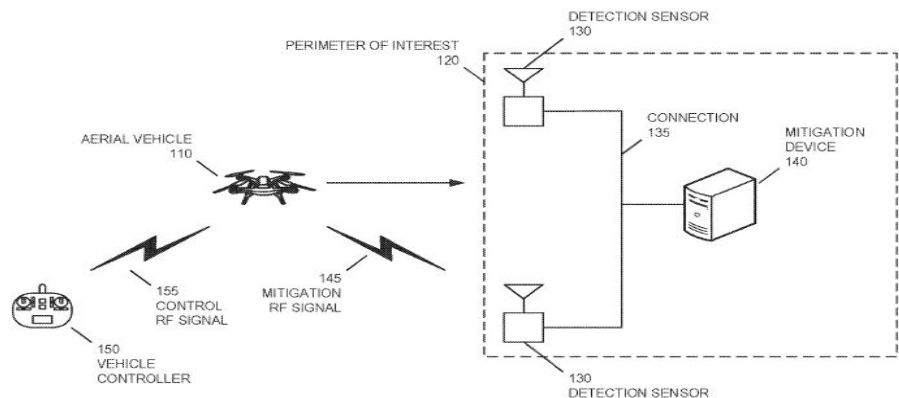


FIG. 1