

# Evolvable Synthetic Neural System

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## **DESCRIPTION**

This is a brain process information synthetic neural system for pattern recognition. The system has an evolvable neural interface coupled to each neural basis function. The neural system includes another set of neural basis functions that includes a communication link to the latter set of neural basis functions. The former set of neural basis functions includes another evolvable neural interface, and a heuristic neural is system coupled to the latter interface.

## **FEATURES AND BENEFITS**

- The synthetic neural system changes its external requirements, and performs significant tasks with complete autonomy.

## **APPLICATIONS**

- Computer-Aided Diagnosis (CAD) Systems
- Image Analysis
- Facial Recognition

## **FOR MORE INFORMATION**

If you are interested in more information or want to pursue transfer of this technology, GSC-14657-1, please contact:

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