This document contains claims related to the deep learning system.

# CLAIMS

1. A deep learning system comprising:  
 a deep learning architecture;  
 a large dataset for training the deep learning architecture;  
 transfer learning techniques incorporated in the deep learning architecture;  
 minimal retraining required for adapting to new data.

2. The deep learning system of claim 1, wherein the large dataset comprises at least one million data samples.

3. The deep learning system of claim 1, wherein the transfer learning techniques include fine-tuning pre-trained models.