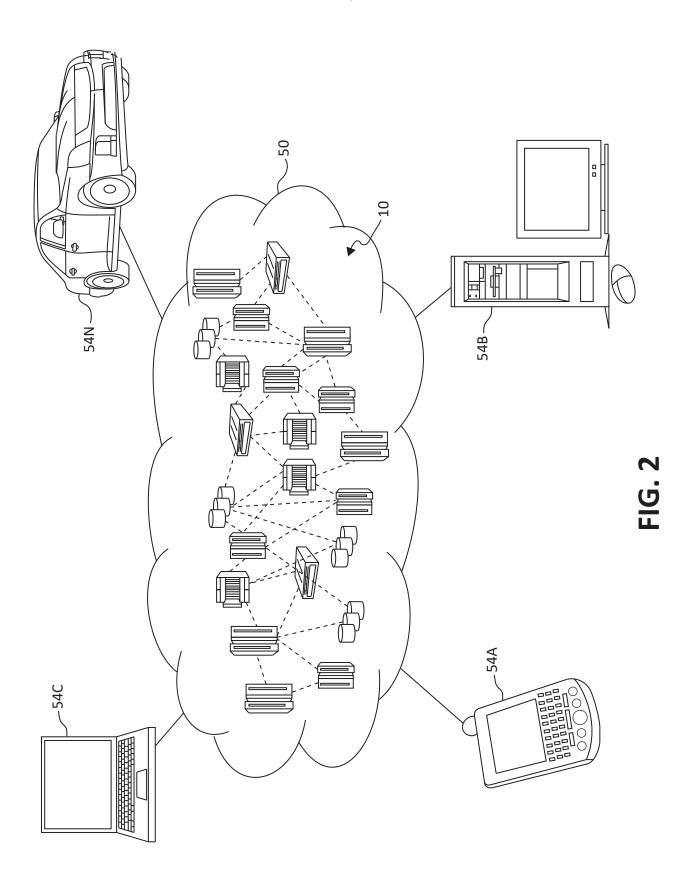


FIG. 1



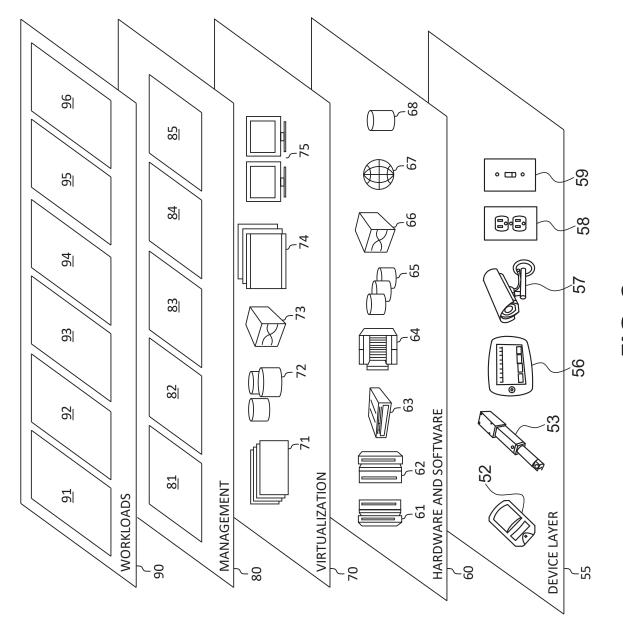


FIG. 3

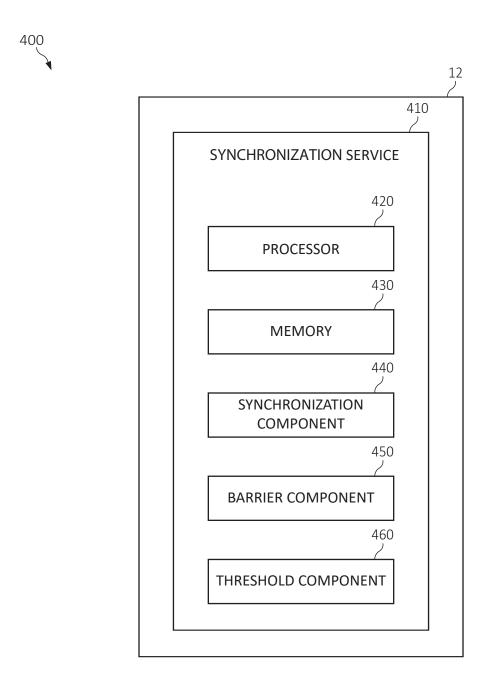
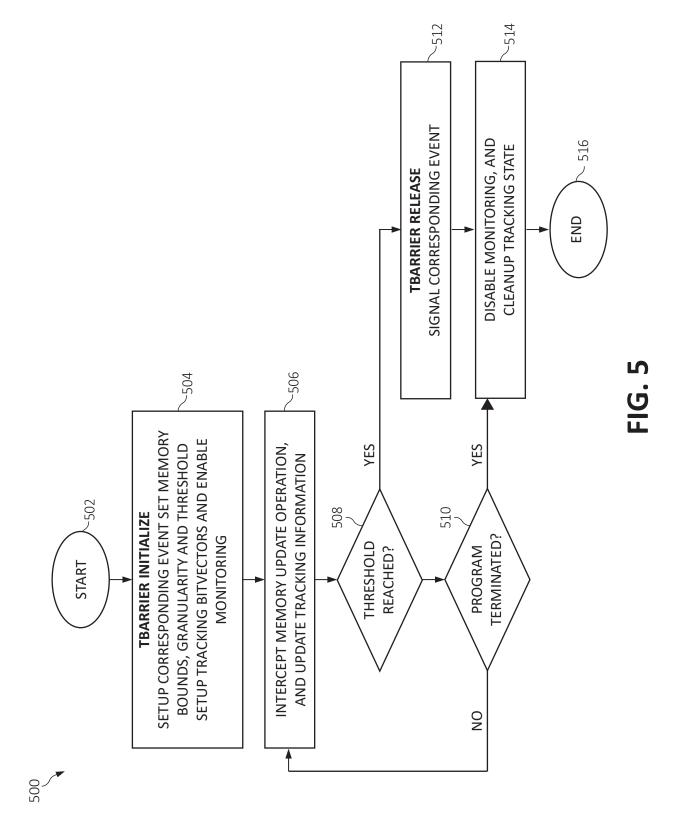
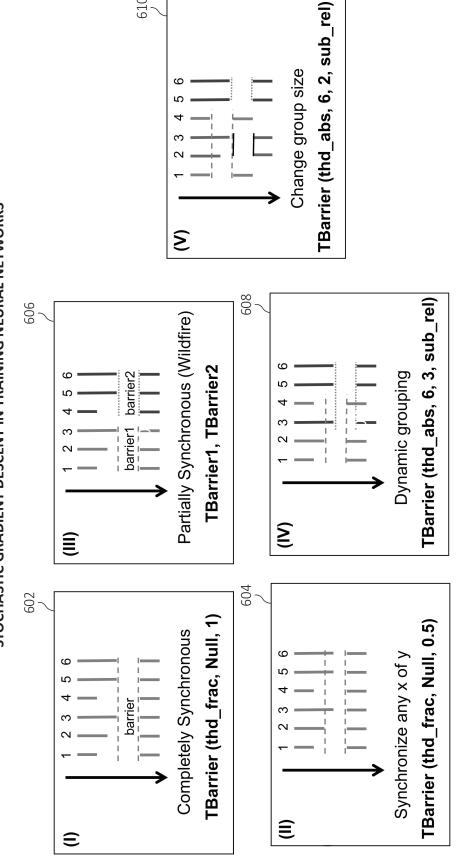


FIG. 4



DISTRIBUTED ML/DL

SYNCHRONIZATION OF WEIGHT UPDATES ACROSS MULTIPLE LEARNERS FOR STOCHASTIC GRADIENT DESCENT IN TRAINING NEURAL NETWORKS



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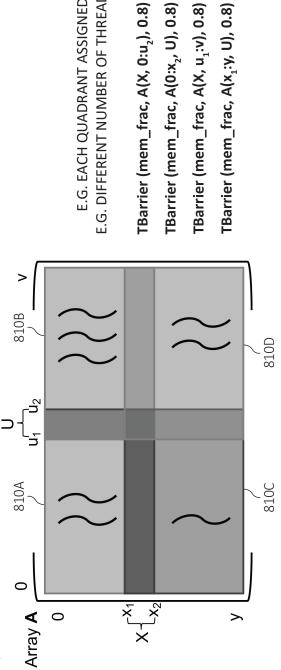
FIG. 6

TBARRIER (MEM_FRAC, [LB,UB], 0.7) TRADEOFF COST OF ENCRYPTION AND DEGREE OF PROTECTION USING PARTIAL DATA ~724D 740D **ENCRYPTION, GUIDED BY A SECURITY POLICY** 720 730 ~724C 740C 710 **MONITORING LAYER** SECURITY POLICY CONTROL LAYER ~724B (**/**740B ~724A 740A ENCRYPTION DISTRIBUTED THREADS DATA

FIG. 7



E.G. DIFFERENT NUMBER OF THREADS PER QUADRANT E.G. EACH QUADRANT ASSIGNED TO A PROCESS



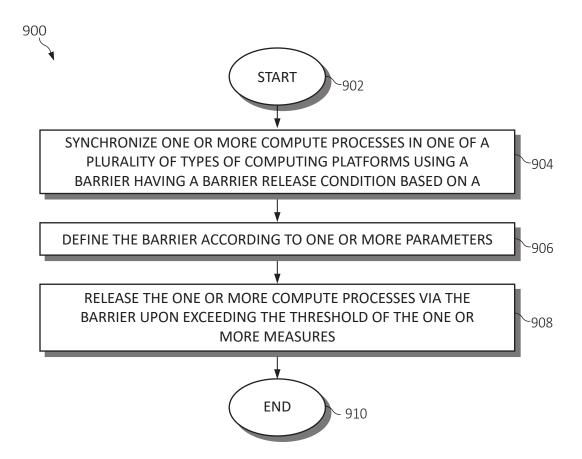


FIG. 9