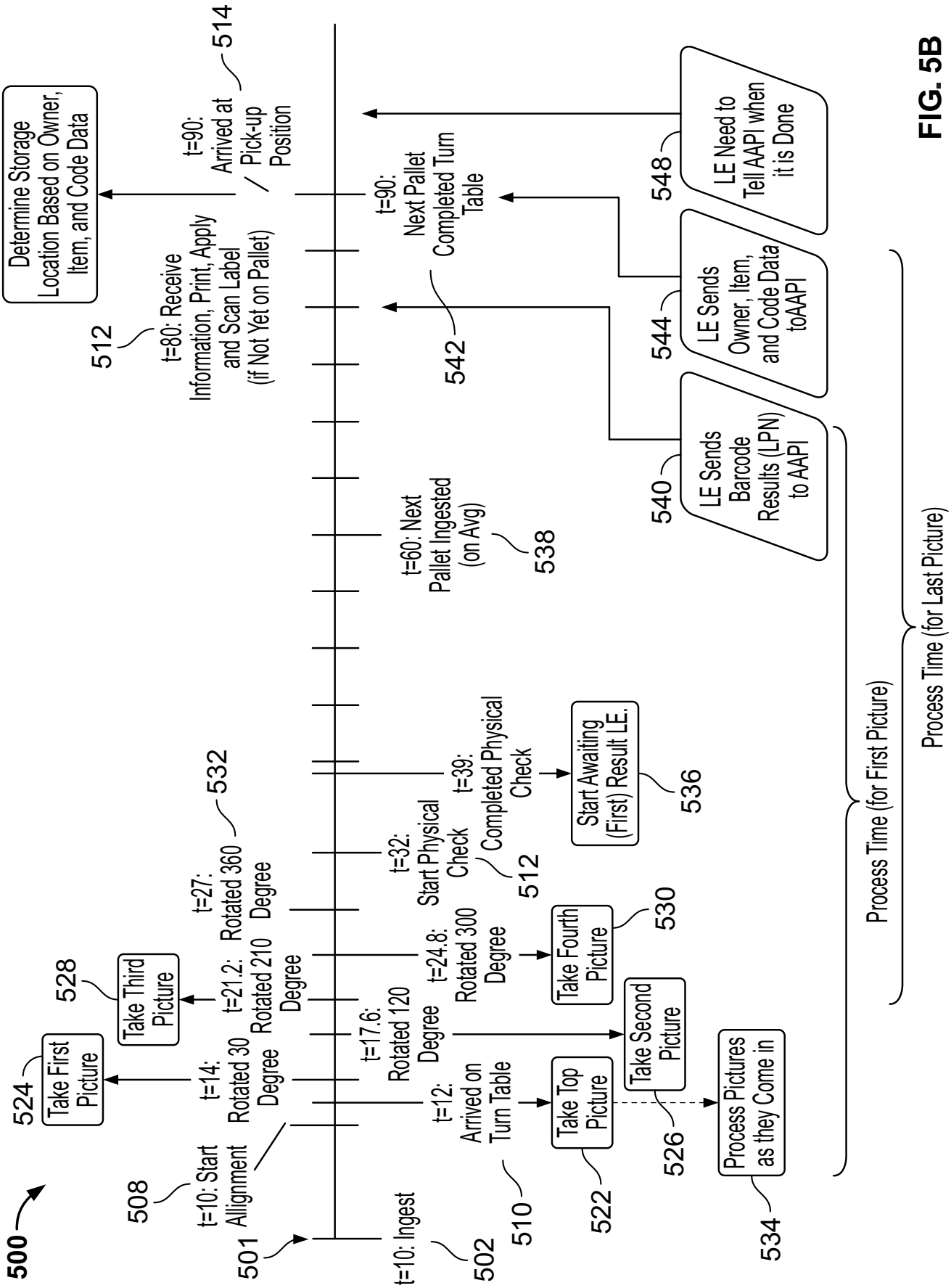

500
501
t=10: Ingest
502
508
t=10: Start Allignment
510
t=12: Arrived on Turn Table
t=14: Rotated 30 Degree
t=17.6: Rotated 120 Degree
t=21.2: Rotated 210 Degree
t=24.8: Rotated 300 Degree
t=27: Rotated 360 Degree
532
t=32: Start Physical Check
512
t=39: Completed Physical Check
524
Take First Picture
528
Take Third Picture
522
Take Top Picture
526
Take Second Picture
530
Take Fourth Picture
534
Process Pictures as they Come in
536
Start Awaiting (First) Result LE.
538
t=60: Next Pallet Ingested (on Avg)
540
LE Sends Barcode Results (LPN) to AAPI
542
t=90: Next Pallet Completed Turn Table
544
LE Sends Owner, Item, and Code Data toAAPI
548
LE Need to Tell AAPI when it is Done
512
t=80: Receive Information, Print, Apply and Scan Label (if Not Yet on Pallet)
514
t=90: Arrived at Pick-up Position
Determine Storage Location Based on Owner, Item, and Code Data
Process Time (for First Picture)
Process Time (for Last Picture)

FIG. 5B