

IMPROVED VIDEO PROCESSING SYSTEM
USING SCAN-LINE VIDEO PROCESSORS

ABSTRACT

A processing system (10) for video data. The system uses two scan line video processors. The first processor (12) performs a first set of predetermined tasks. The second processor (20) performs a second set of predetermined tasks. The division of tasks between the two processors (12,20) allow optimal utilization of the processors' limited instruction space, any combination of processing tasks is allowed, so long as one of the processors works at near full instruction capacity.

FIGURE 1