

New Product Proposal

MEGAPIXEL DIGITIZING TRANSFER STAND

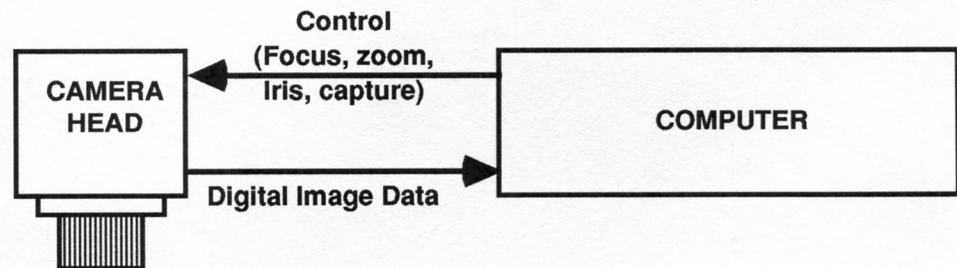
FEATURES:

High resolution 1024 X 1024 color sequential RGB (uses M2 1024 X 1024 imager) transfers from prints or slides. High speed direct digital computer interface (SCSI?) to:

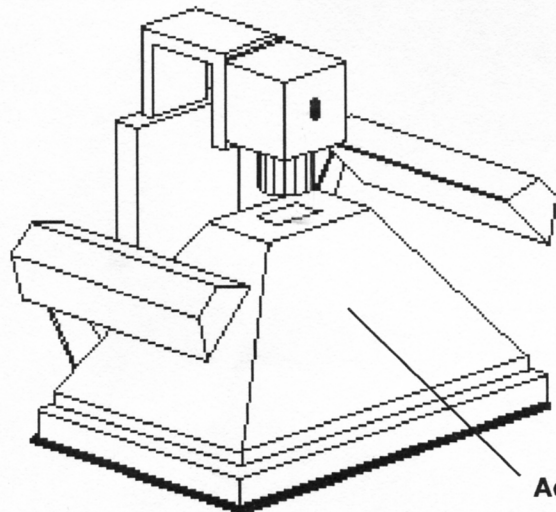
1. Store the image digitally to maximize quality and allow duplication/manipulation without image degradation.
2. Uses the computers framestore, thus eliminating the need for a framestore in this transfer stand, thereby lowering the cost.

Fully computer controlled allowing all capture functions to be done from the computer, i.e. easy to use.

All gamma control is done in the computer using LUT's, thus eliminating the need for LUT's in the device and lowering the cost.



Computer framestore is updated continuously in live mode (as fast as imager can be read out). Display is contents of framestore, black and white in live mode, color in the stored (or captured) mode.



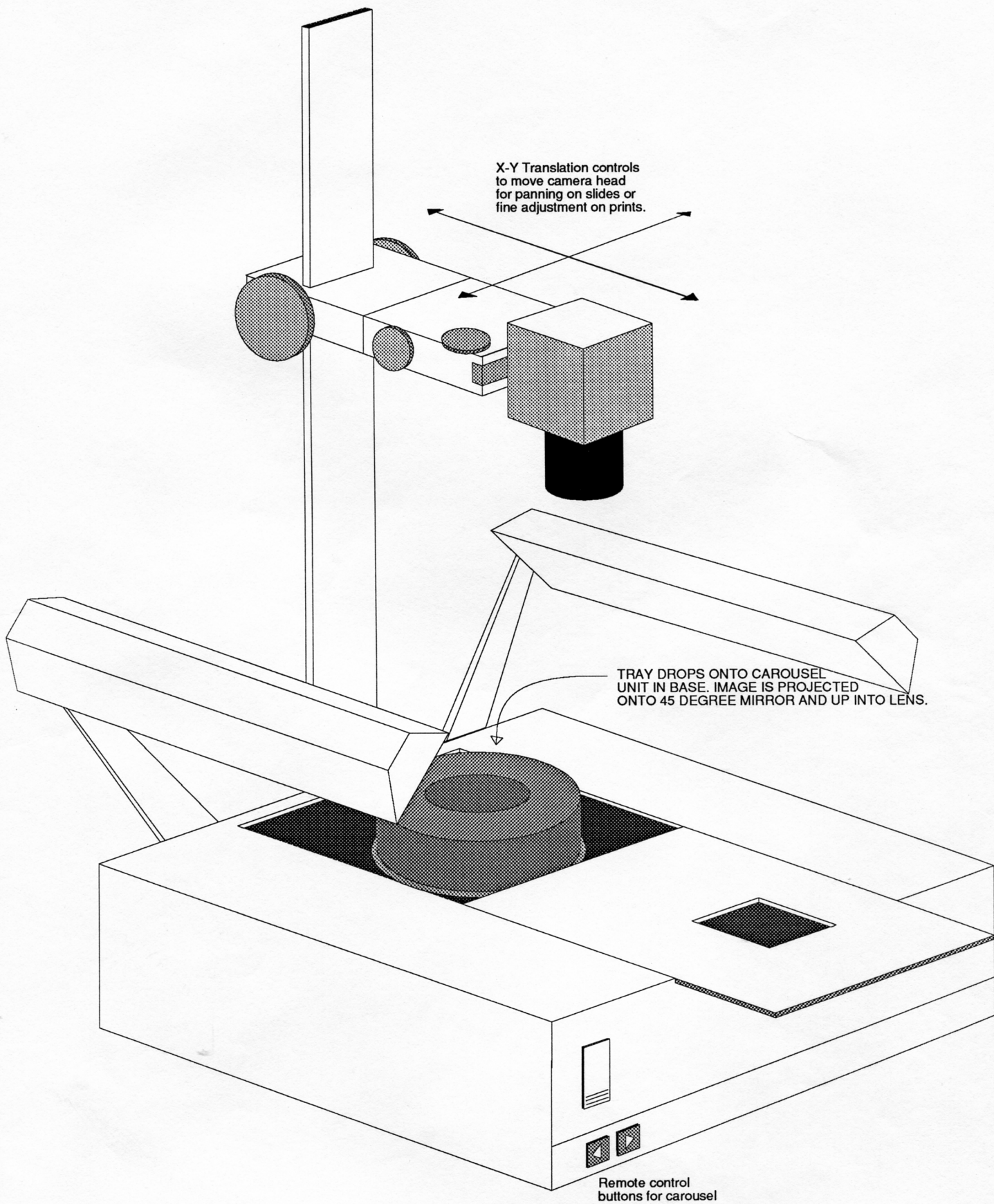
Adaptor for transferring slides

Proposal:

We do the camerahead and have DT do the interface card and software. Software could be part of PhotoMac™.

Option:

Offer a higher resolution 2048 X 2048 version using Ken Puralski's shifting pixel concept and the M2 1024 X1024 imager.



X-Y Translation controls
to move camera head
for panning on slides or
fine adjustment on prints.

TRAY DROPS ONTO CAROUSEL
UNIT IN BASE. IMAGE IS PROJECTED
ONTO 45 DEGREE MIRROR AND UP INTO LENS.

Remote control
buttons for carousel

PJS '87

TRANSFER STAND CAMERA CONTROL UNIT

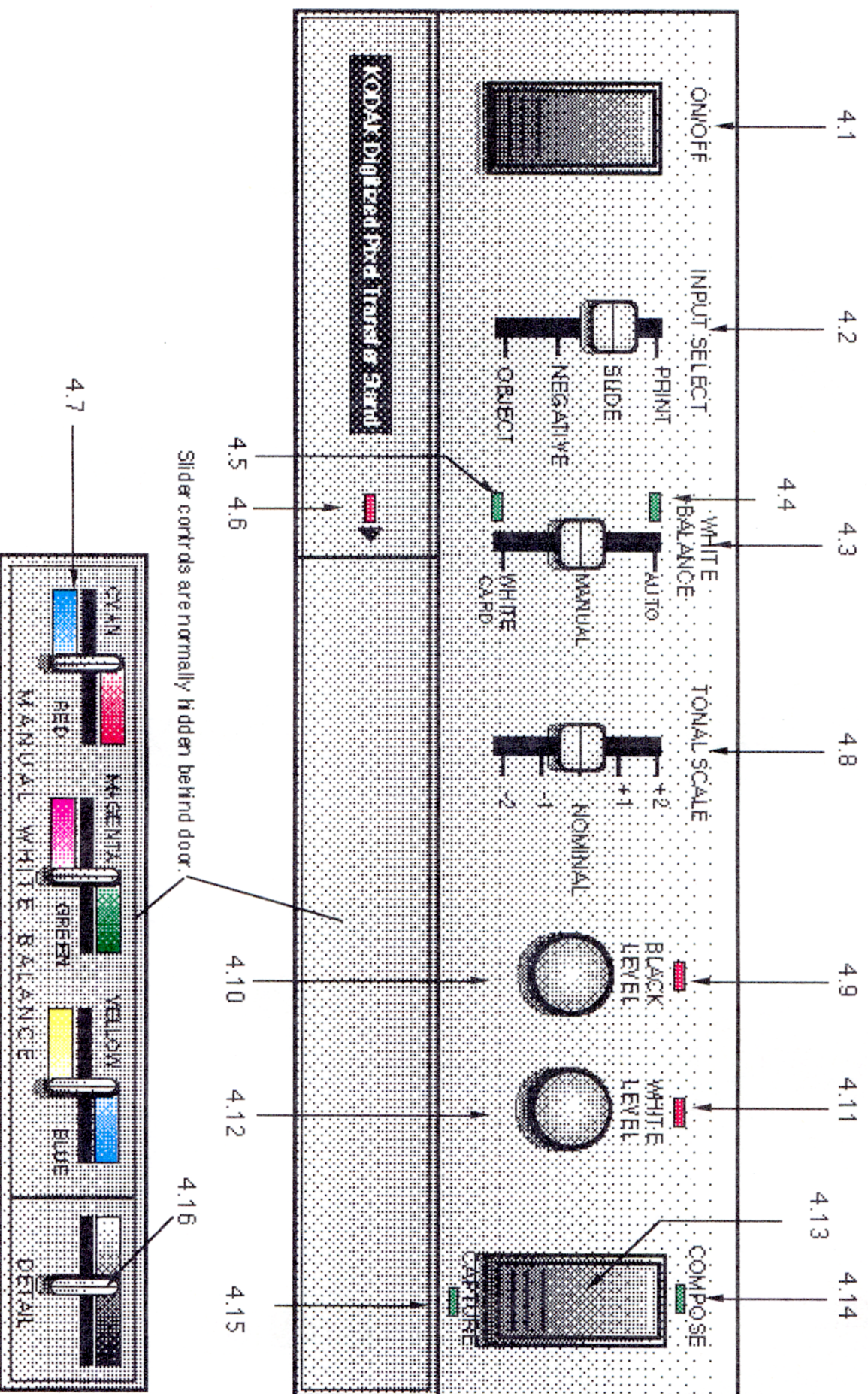


Figure 1

