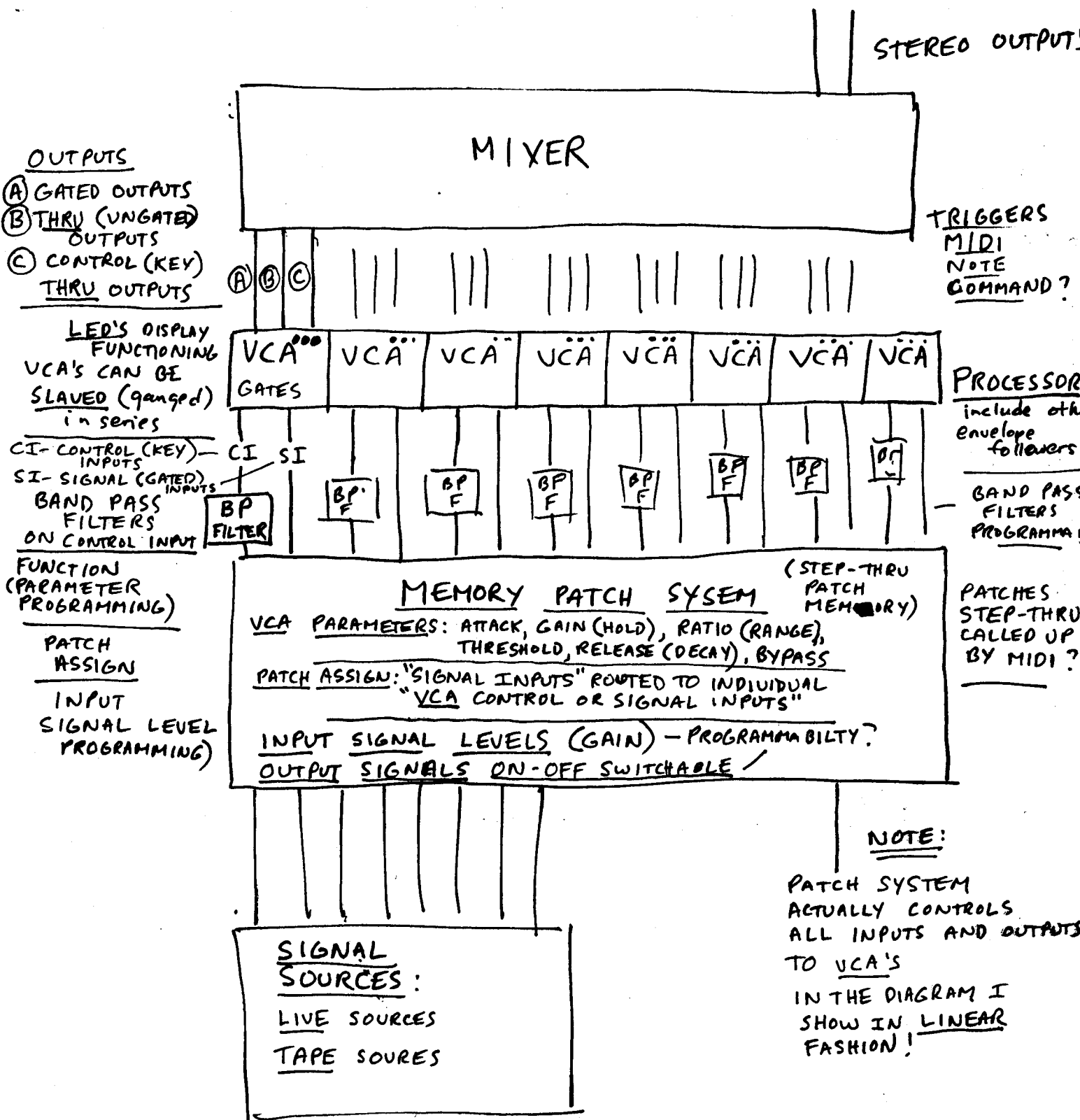


DYNAMICS PROCESSING SYSTEM

ARNOLD DREYBLATT



- OUTPUTS
- (A) GATED OUTPUTS
 - (B) THRU (UNGATED) OUTPUTS
 - (C) CONTROL (KEY) THRU OUTPUTS

LED'S DISPLAY FUNCTIONING VCA'S CAN BE SLAVED (ganged) in series

CI- CONTROL (KEY) INPUTS

SI- SIGNAL (GATED) INPUTS

BAND PASS FILTERS ON CONTROL INPUT

FUNCTION (PARAMETER PROGRAMMING)

PATCH ASSIGN

INPUT SIGNAL LEVEL PROGRAMMING

TRIGGERS MIDI NOTE COMMAND?

PROCESSOR include oth envelope followers

BAND PASS FILTERS PROGRAMMA

PATCHES STEP-THRU CALLED UP BY MIDI?

NOTE:

PATCH SYSTEM ACTUALLY CONTROLS ALL INPUTS AND OUTPUTS TO VCA'S

IN THE DIAGRAM I SHOW IN LINEAR FASHION!

OTHER THOUGHTS:

Trigger Parameters:
 Re-trigger time
 Re-trigger level
 other re-trigger modes

Ducker: one signal attenuated in the presence of another

Envelope Sampling: record samples of input sounds to be imposed on subsequent ~~samples~~ gated sounds

Modulating waveforms: for panning and amplitude modulation effects

Automatic Fade Function

Include other processors? such as envelope followers

MIDI: Patches called up by Midi Signals; Opening of gate gives out midi note commands.