

Arts & crafts

THE SCREEN OF ZULT

In a loose way inspired by the classical Japanese decoration style, a semitransparent object.

The frame is made of tropical hardwood, the decoration is done with several kinds of special paper.

My good friend and fellow artist Marian Zult did the decoration.
I flatly refuse to heed any suggestion that it is mondriaanish:-)



Paul Walboom

LAMPS



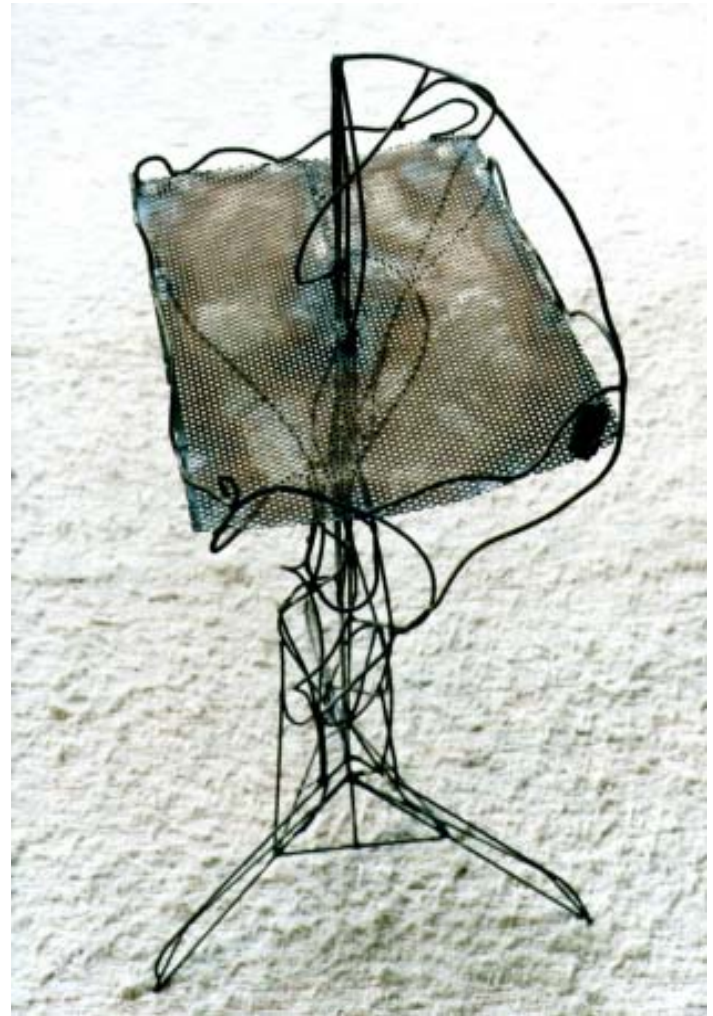
LIGHT, TO CREATE SHADOWS

ZULT'S TABLE

During construction of this little table I made the wilful decision to accentuate the artistic impression, ignoring stability and practicality.

The expression is fragile, transparent, organic, barok.

A person with good muscular control should be able to place two (2) cups of coffee and one (1) sugar bowl on it.



ZULT'S FOUNTAIN

Designed for indoor use with the restrictions:

- sound can be watery, but must not dominate.
- no spilling water outside the bowl, not even secondary drops.

Therefore this fountain is powered by an air - instead of a water pump. Calmly the water flops out of the central tube, to flow back to the reservoir with glass marbles.



GARDEN FOUNTAIN

Mix water and iron and what you'll get is RUST.

But if the iron is thick enough, consuming it totally will take a long time.

The process of rusting will build terrific structures, much nicer as I am able to.

Notice the jet of water aimed through the hole in the upper part, and the fallback of the jet on it. It is an ideal situation, the mix of water and air!

The height of the jet is about one meter.

Under the surface is more iron, for stability, with adjustable feet, to adjust the jet.



It needs about 40 cm water depth to work properly. Also, it needs a sizable surface area of water, or else the splattering will soon empty the pond. Say four by four meters.

I will make more like this.. not copies but each one with its own unique kind of curves in the supports.

Please contact me if you are interested, there is at least one (1) species of algae that likes rust..

Different shades of brown And green!



THEREMIN

Since ages I knew of the existence of a Theremin.. and I decided that the time had come.

Oh ? Ok. A theremin is an primitive electronic organ.

It is played by waving a hand (or hands) near an antenna sticking out of the thing. The antenna picks up the distortion in the electric fields its generating, and electronics inside translates that into a tone.

At a distance of ~ 35 cm it begins at lowest pitch. It is rather difficult to play, you have no visual aid as to the pitch you will get.

Absolute hearing and perfect control of the hand is needed to play anything musical or tonal.

For me, the thing is perfect for jolly howls and screeches.

Because its a musical instrument, I put it in a nice wooden box, and put the antenna into the bamboo tube. The little knob in front is to set zero (silence).



Paul Walboom

Entree

When you open the glass gallery door you will be gladdened by the sea of light, shining through the curtains from above. As soon as you pass the curtain and leave the walk-in space the light will shut itself off, your eyes will readjust to the light level of the gallery.

The idea was to welcome the visitor.

I realized that by four kilowatts of halogen light. A row of eight 500 watt quarts lamps is mounted in a frame on the ceiling above the door.

To make the light visible I throw it down between two curtains of thin lace. An infrared sensor and 3 solid state relays do the switching.

Measurements: 180 x 250 x 30 cm.



The lights are off

Entree

The lights are on, someone enters.



Harold's doorbell.

My good friend Harold sits reading at his table.

In the corner of the corridor next to his room stands a man-sized machine. The corridor is on the upper floor of an oversized, nearly empty office building. Seven floors lower a visitor presses the bell, at a small side door of the building.

The machine in the corridor starts with a turning light, an electronic screech develops, the thunder plate starts wobbling.

Glad, Harold jumps from his chair, from the output pattern of his bell he has recognized his visitor.

Harold wrestled with the problem how to overcome the resistance of 150 meters of thin, cheap wire. So I gave him this machine for his birth day. The bell uses a 20 ma current loop, and by an AC optocoupler the push button information is transferred to the turning lamp, an oscillating amplifier, and the solenoid that wobbles the plate.

Measurement: 145 x 60 x 60 cm.

