

Consider That
The Following Pages
Contain One's
DESIGN
PORTFOLIO
FOR 2025
&& Such
Forth
With



CREDITS REPORT:

ZAYN TAIMURI

Design, Drawings, Fabrication, Sewing, Photography, Curation

ISAAC HAAN LEE

Modelling for Photoshoot

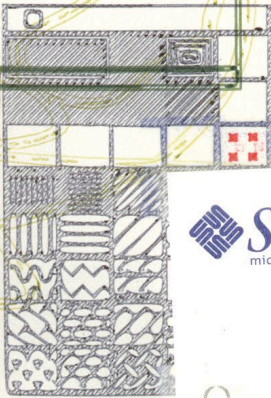
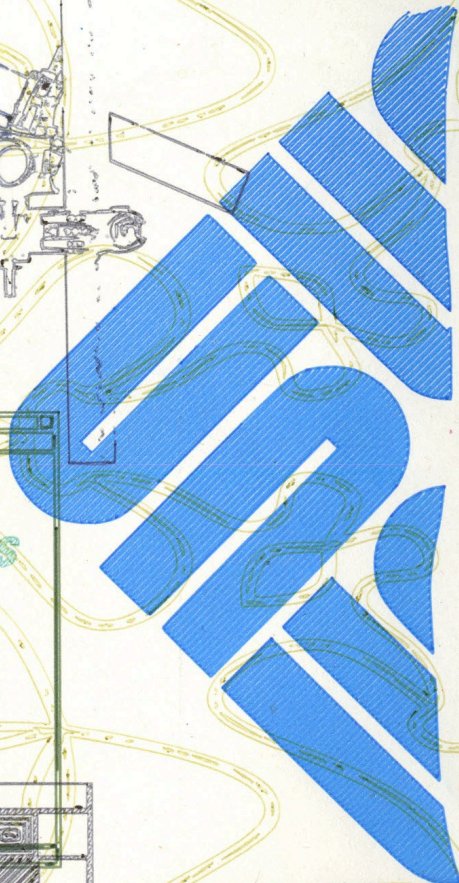
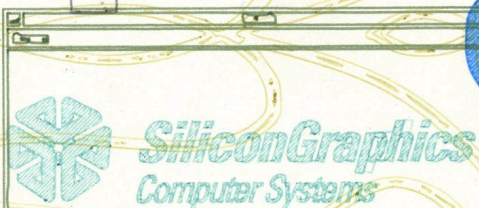
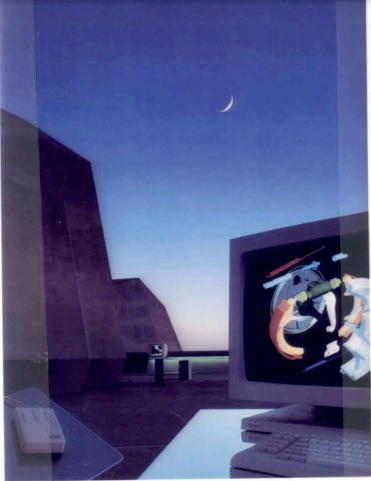
TOM HALL

Photohoot Studio Setup

JESSICA STONEBROOK

CNC & Laser Operation

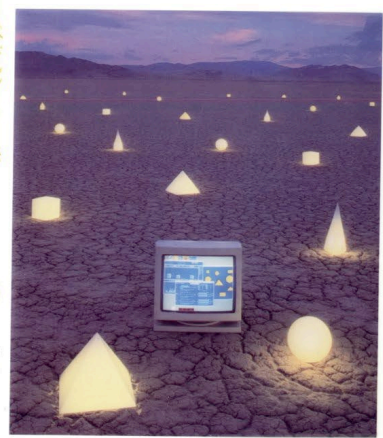
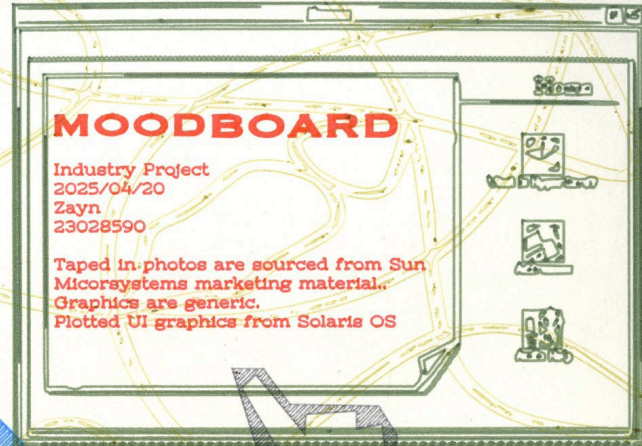
Zayn Taimuri



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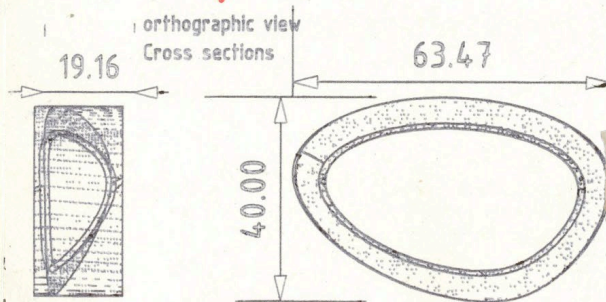
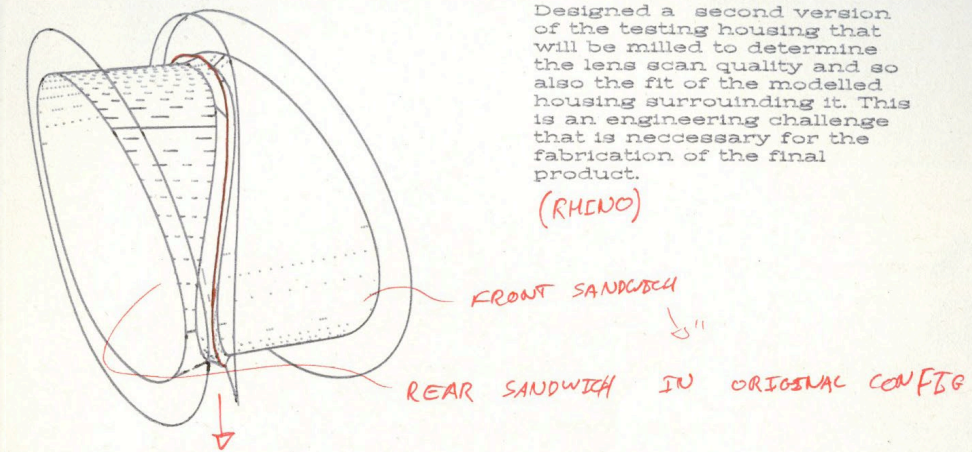


Sun

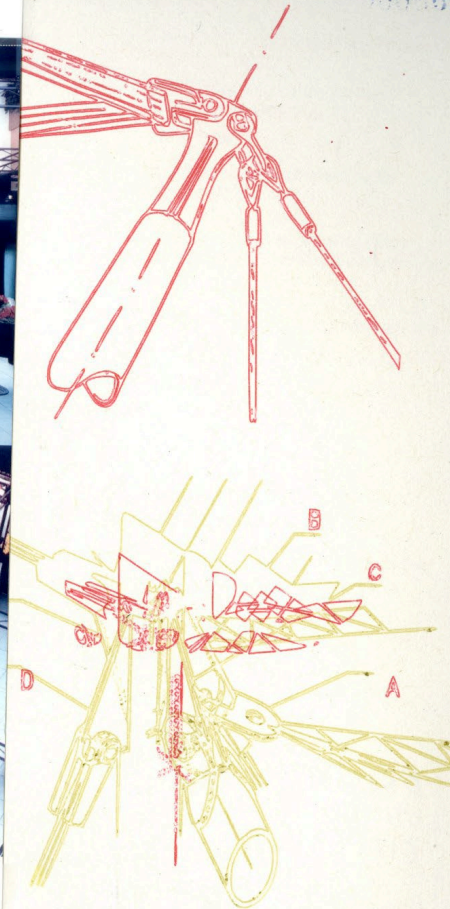
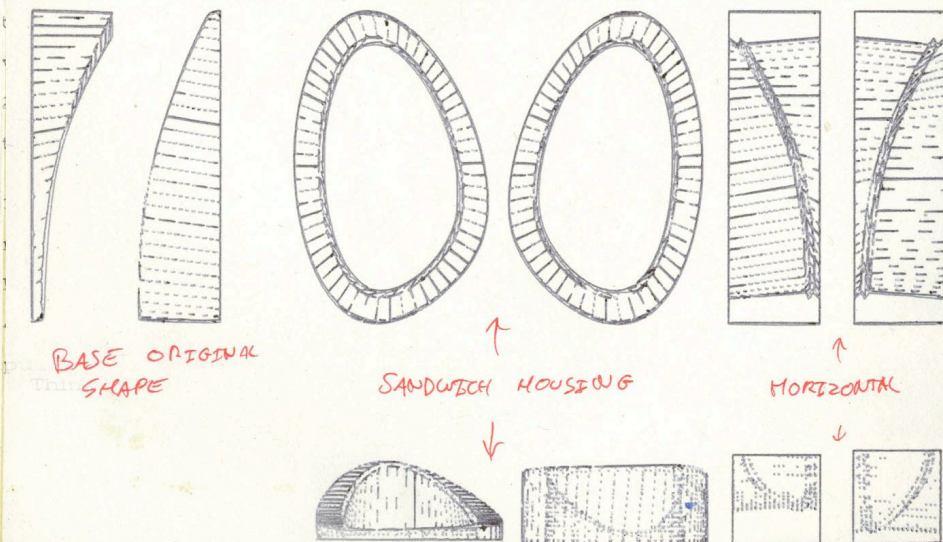
Some pages from my sketchbook-
This first project is for bespoke
eyewear

Designed a second version of the testing housing that will be milled to determine the lens scan quality and so also the fit of the modelled housing surrounding it. This is an engineering challenge that is necessary for the fabrication of the final product.

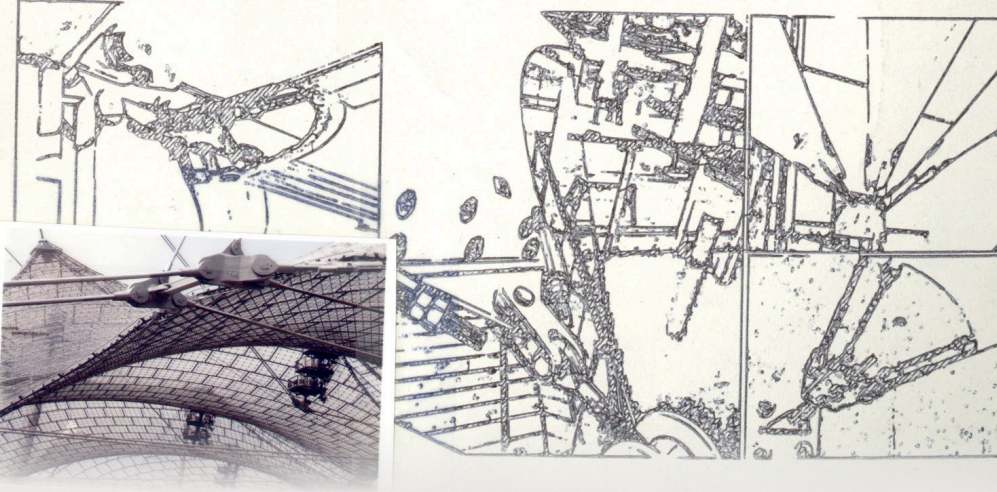
(RHINO)



Eyewear Lens-Housing
test fitting &
experiments-



Tensile tent and fabric technology using lightweight, high-strength materials stretched and tensioned across minimal structural supports for durable and wind resistant form. In smaller applications this technology is responsive in a force-feedback/ elastic way.





STREAMLINED
VELOCITY

LIKE A BEAKER



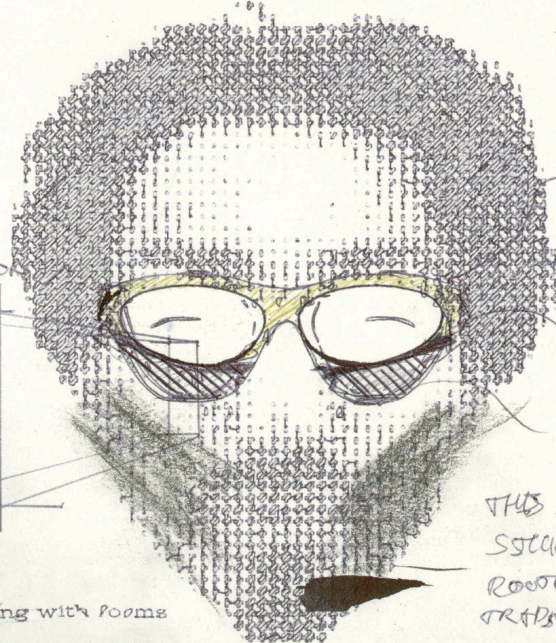
OPEN
INTERESTED
CALM

CURLED RUBBER BAND
BUSTLES LET
AROUND TEMPLE &
NOSE BRIDGE

P POLARISED TO
CLOSED-OFF

D LIKE AN AIR INTAKE

BUSTLES CHECK-
NOSE BRIDGE STRUCTURAL
-SUPPORT



CROSS-SECTION

DSP

STRAP (OR)
PERSPECTIVE

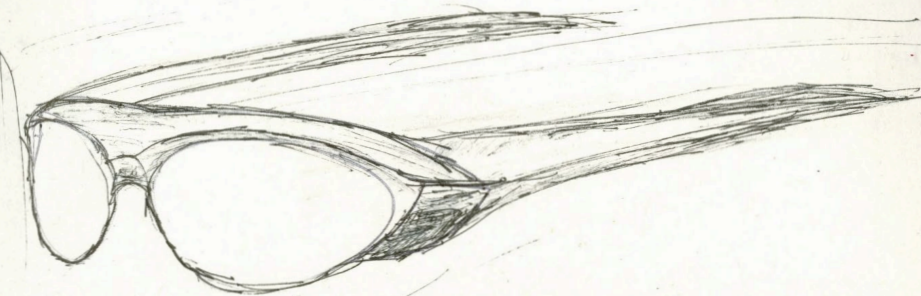
SUBTLE 45°-
HEXAGONAL
OUTER EDGE

ANGLED &
ORGANIC
TEXTURE/STITCH

THIS FRAME'S
SILHOUETTE IS
ROOTED IN
TRADITIONALISM

Experimenting with forms
and fit

UNSTRAND FORM DOES NOT
CURRENTLY USE HINGES



Initial draft for the
form.
Exciting pages here
but we will need to
skip ahead a little!
Imagine lots of
iteration &
refinement

PERSPECTIVE
DRAWINGS ASOED
USING PEN-FLUOR

RSTIE 1-2mm
FOR THE SKE OF
EMOTIONAL EXPRESSION

SHAPE MAY
CHANGE
(DEPENDENT ON
CNC MACHINING
& MATERIAL
LIMITATIONS)

THIS A
LENS HOUSING "DERAILMENT"
REQUIRES DEVELOPMENT

TEMPER DEVELOPMENT
DEPENDANT ON
FUTURE THICKNESS
WITH CNC

NOTICE THE GAP

ASSEMBLY RIVETS EXCLUDED DUE
TO POTENTIAL REPOSITIONING

THIS PART IS
W/ MOLD BEHIND

THIS IS THE
OUTER CURVE OF
THE UNIBAND

UNIFORM LINE → STAYING TRUE TO ORIGINAL
SKETCHES

Notice the unique lens clasp
style ?

Rhino Modelling and printing.

The wireframes below show development
of the forms illustrated on the previous
page.

This model is the first 3d draft of the
frame. It was sent to the 3D printer in
durable resin.

(FormLabs Form 3)

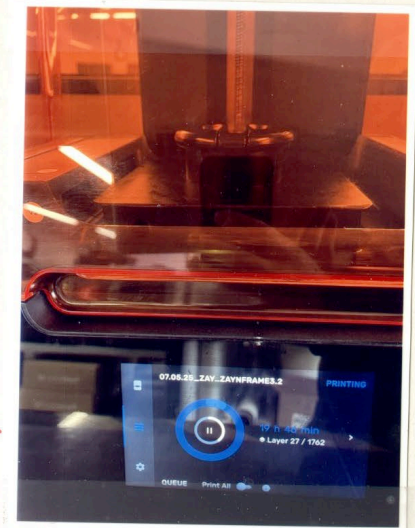
NOTICE THE
GAP.

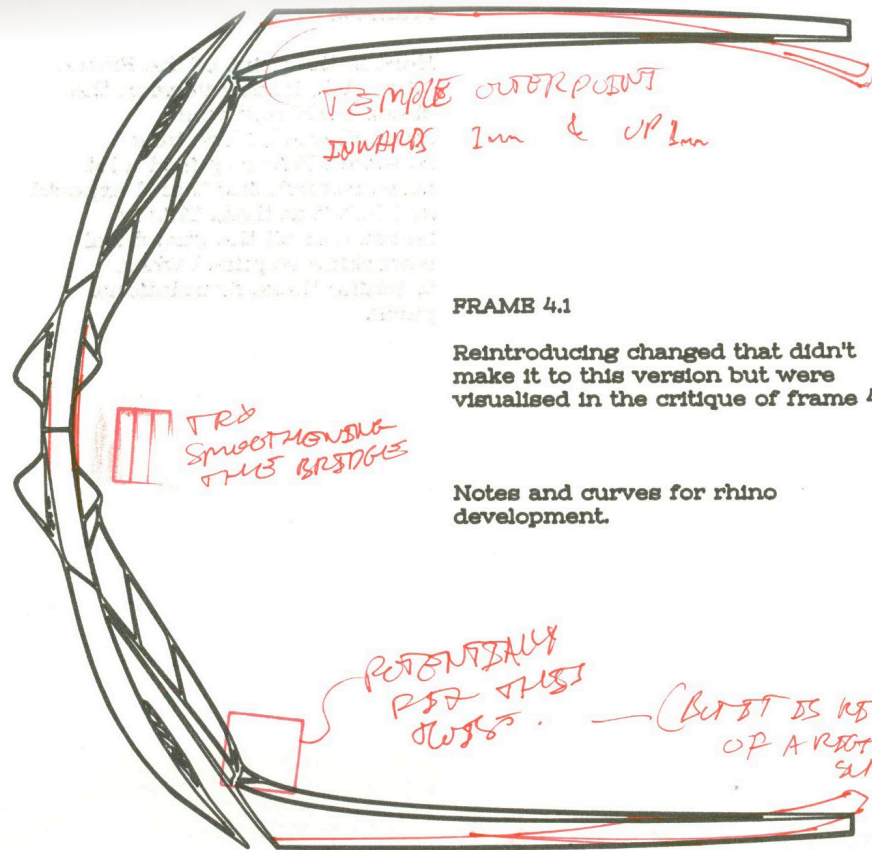
DUE TO CONSTRUCTION LIMITATIONS
(CNC)

THIS LENS WRAP AROUND
DESIGN KEEPS PARTS
NARROW &
ABLE TO BE
MILLED FROM
THE BOARD.

DRAFT
MODEL

DRAFT MODEL SENT
TO FORMLABS 3





FRAME 4.1

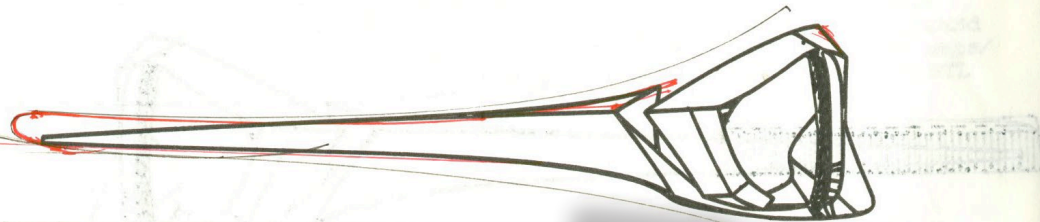
Reintroducing changed that didn't make it to this version but were visualised in the critique of frame 4.0.

Notes and curves for rhino development.

TRD
SMOOTHENING
THIS BRIDGE

POTENTIALLY
RED THIS
WEDGE.

(BUT IS KIND
OF A REDDITY
SUPPORT)



USING PHOTO GAMMISTRY
FOR PERIPHERAL
LOW POLY MODEL
SCANNER



RHINO
WIREFRAME



FRAMES
FROM
TDAK

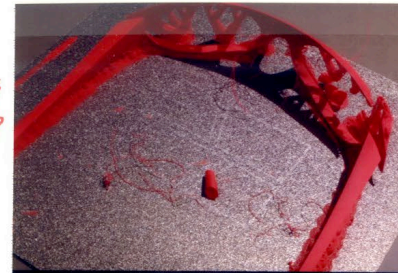
By the way, these are bespoke fit !

Moulded
to fit
my face
: /

Had to 3d-
scan the
face-cast



PRINT
FAILURES
→



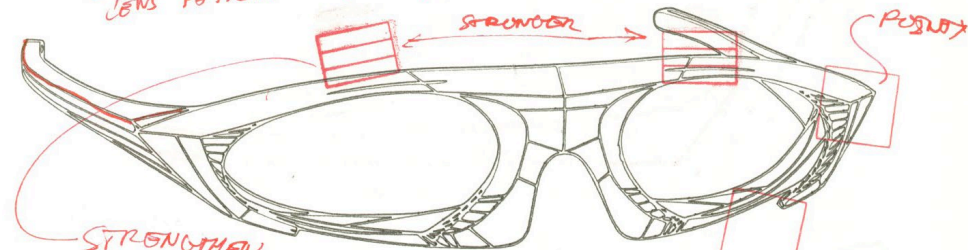
BROKEN
OFF
→



FIT
&
FORM
✓

TEMPLE
ARM
✓

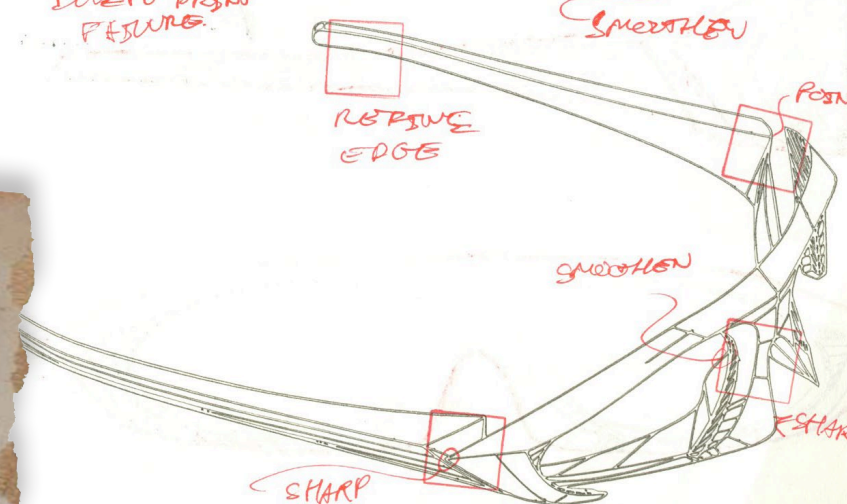
IN THIS VERSION I DEVELOPED THE TEMPLE END.
SMOOTHENED ROSE BRIDGE CURVES, DEGREEMED NICE BRIDGE
LENS FITTING & PULLED FORWARD/IN MONOLIDS.

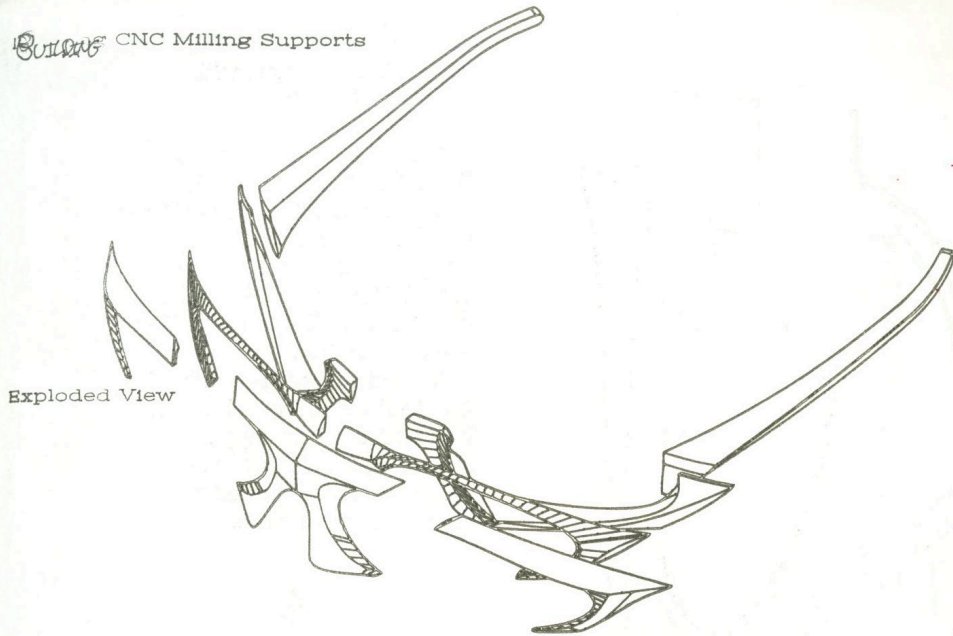


SMOOTHEN

REFINE
EDGE

POSITIVE



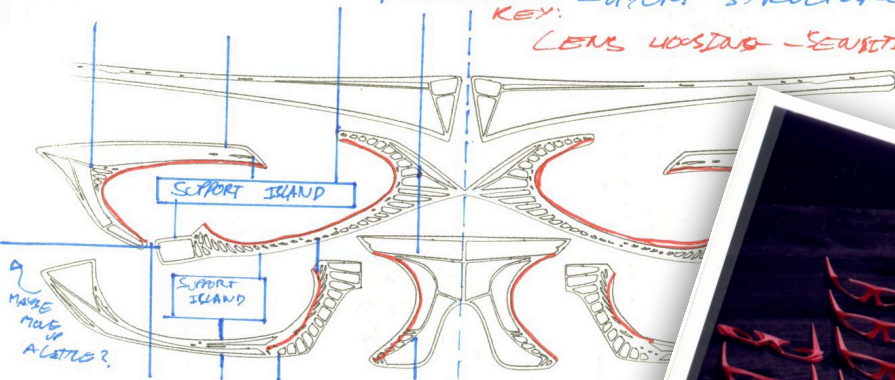


Parts Laid Flat Sections

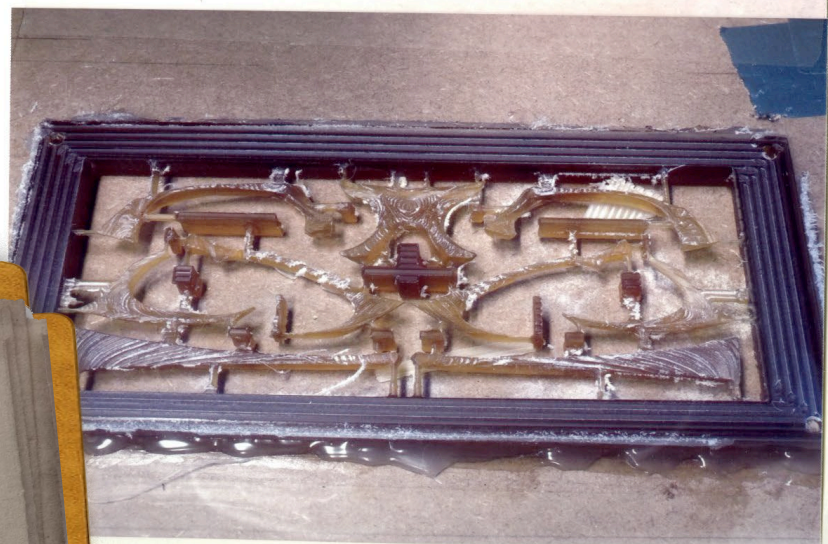
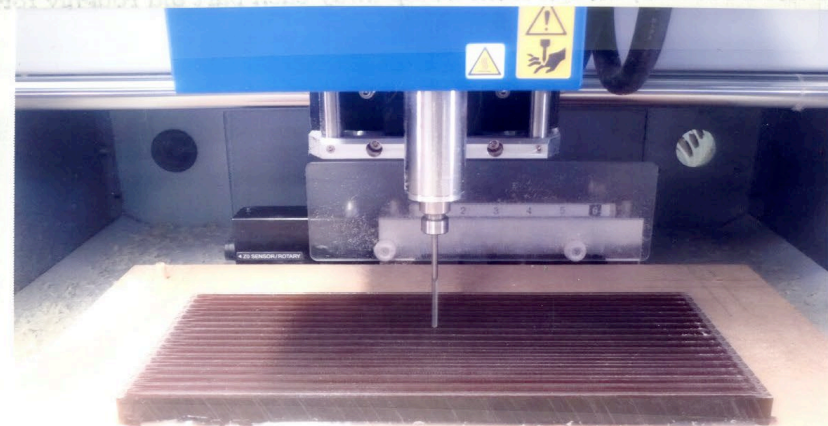
POTENTIAL SUPPORT STRUCTURE

KEY:

LENS HOUSING - SENSITIVE AREAS



3 Intervals of this milling process:



2-
FUEL
KALF-
WAY
THROUGH

Up until now- prototypes were tested in 3d printed iterations- [11] in total (RED).

After the form was finalised, it was time to split the model and get it on the CNC Mill- this took many attempts to get right !

Skin-Safe Material:
Ultem PEI

REALISATION

12

12A

11

11A

10

10A

FIGURES IV - IX

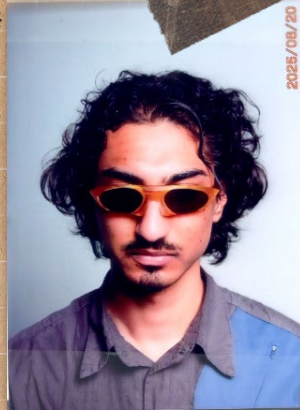
HANDLE VIA CLEAR

CONTROL SYSTEM ONLY

After many hours of sanding &&
polishing --->

The Frame wraps around the
lens with an open underside.

I'm quite happy with how the
shoot turned out- we used
perspex shelving to get that
almost digital cyber back-
ground and platform.



That's my Sigma
Foveon Mirrorless
to the left-
great colour
output !



F1 → A.3





...Expanding from where we left off:

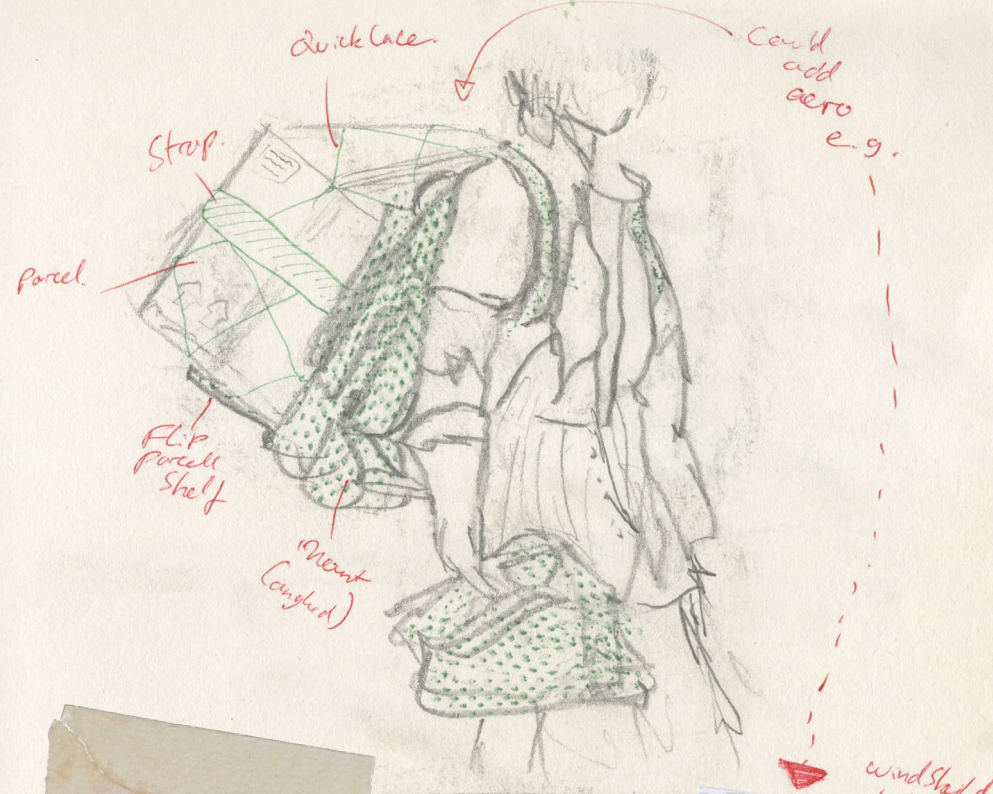
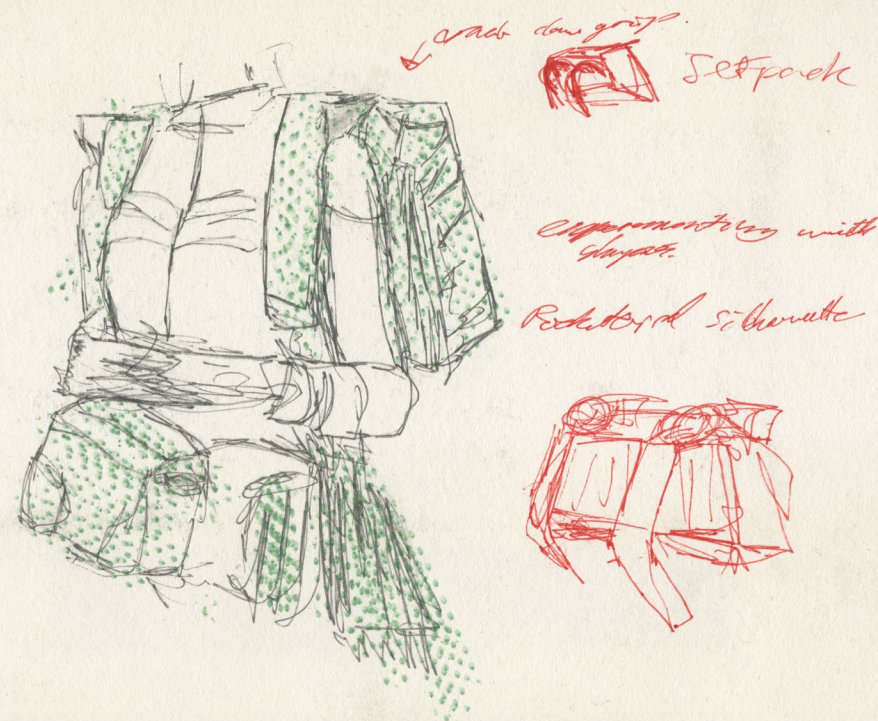


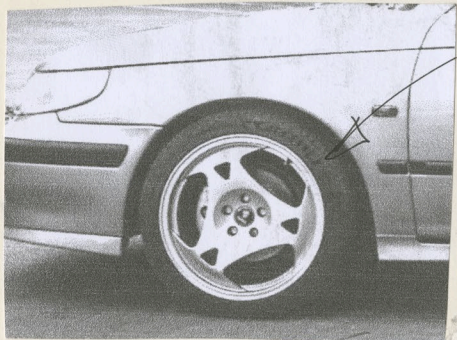
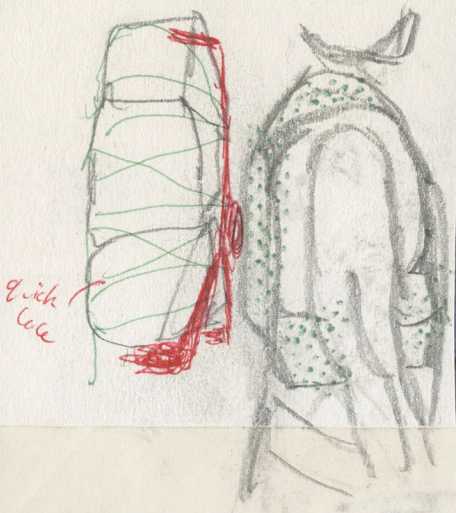
What can we use these aforementioned skills for ?

I believe that we can save the world via design-
Design that uplifts the human spirit.



Let's build a machine

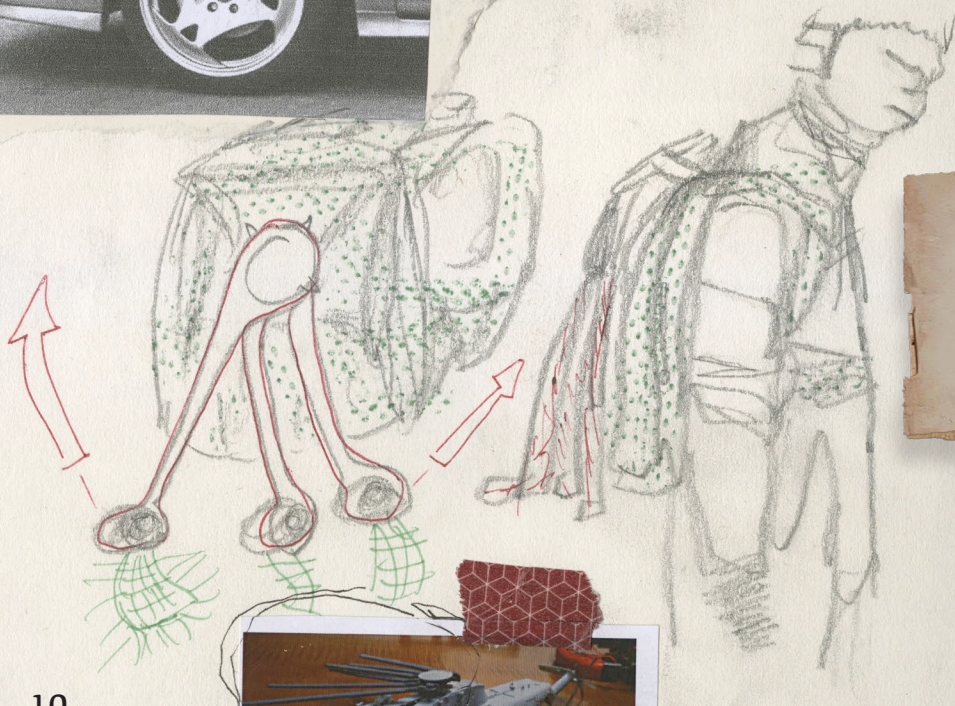




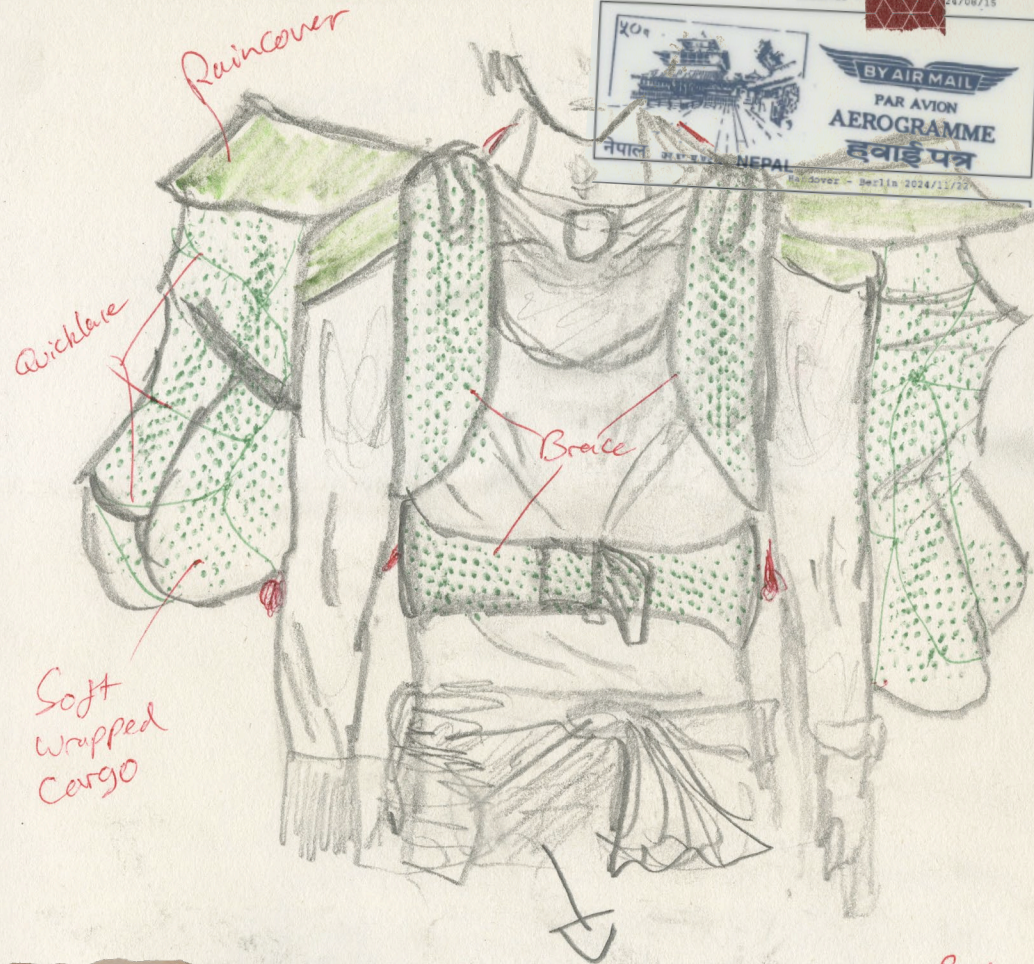
Saab ALU26

Saab 9-5 pre 2003 model.

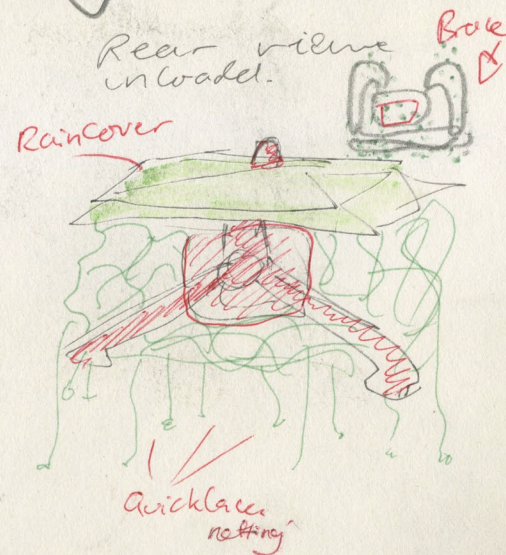
tri-spoke.

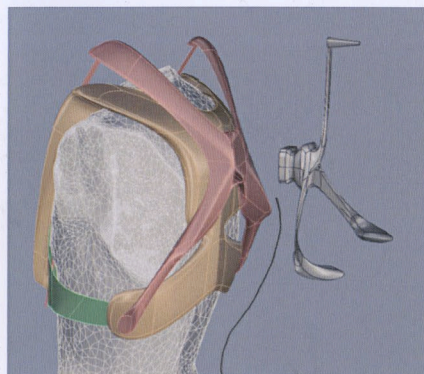
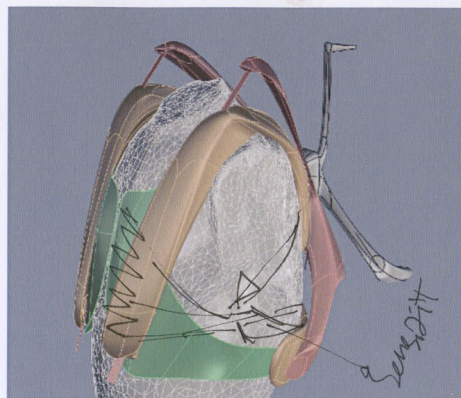
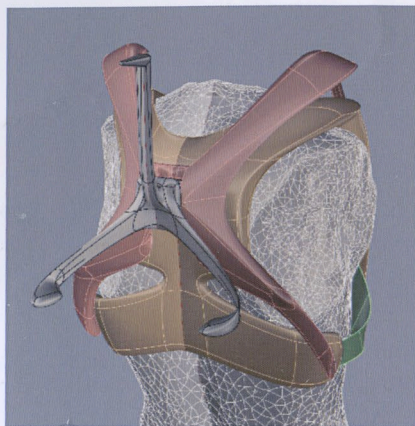


Preparedness for the inevitable

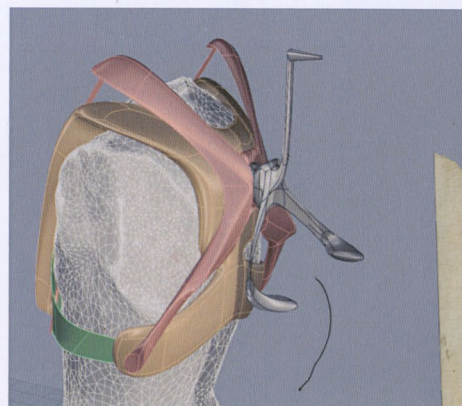


Rear wheel unload. Bole





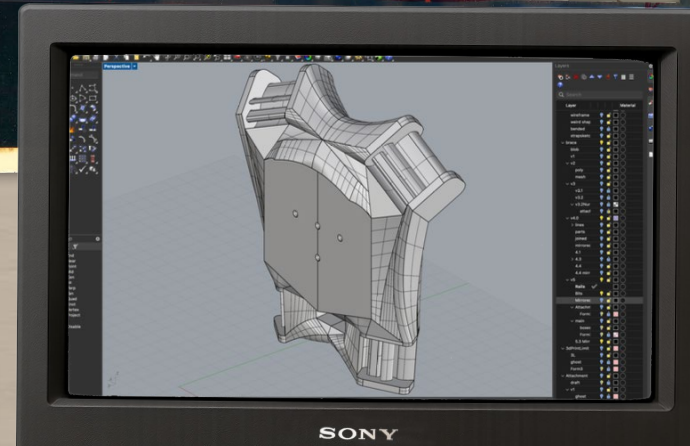
QUICK RELEASE



PARCEL CRIMPER



A chaotic BTS
development
scene for the
mechanics behind
the carry system
functionality





*The parcel shelf module expands
to accomodate for oversized cargo*



SOME FEATURES OF THE MODULAR CARRY SYSTEM: A STORYBOARD !



GRADE BALANCED FILM 6710



GRADE BALANCED FILM 6710

GRADE BALANCED FILM 6710

Quick Release using
Tek-Mount Quick
Connect Mounting
system Via Custom
Pull Chord

1.
Locating stabiliser
straps and buckles

2.
buckling in
stabiliser strap to
leverged hoisting
point

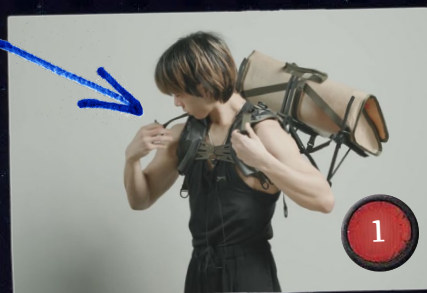
3.
hoisting &
fastening the
stabiliser system

[watch how the
oversized load
moves closer to
the body]

GRADE BALANCED FILM 6710

GRADE BALANCED FILM 6710

GRADE BALANCED FILM 6710



→ 10 ■ → 10A ■

→ 11 ■

→ 12 ■

→ 13 ■

→ 13A ■



C3192

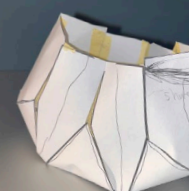
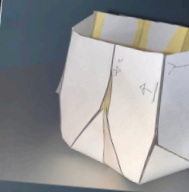
To complement hard surfaces:
We need proof of sewn soft-goods



I call this one the:
"Folding Prism Bag"

HABS No. PA-1097 A-5

You could consider the previous "bag"/carry system to be quite non-standard.
I can make normal bags too- This one follows traditional British methods such as the W-base construction & rope handles with top-stitched boot seams on goat skin. The pattern unfolds as a single piece... A challenge given the W base construction. -IYKYK



HABS No. PA-1097 A-5

PROOF OF GREASY HANDS !

I picked up this 2004 Saab 9-5 back in 2022 for £1300.
A few months later, another! But this time broken && for £550.

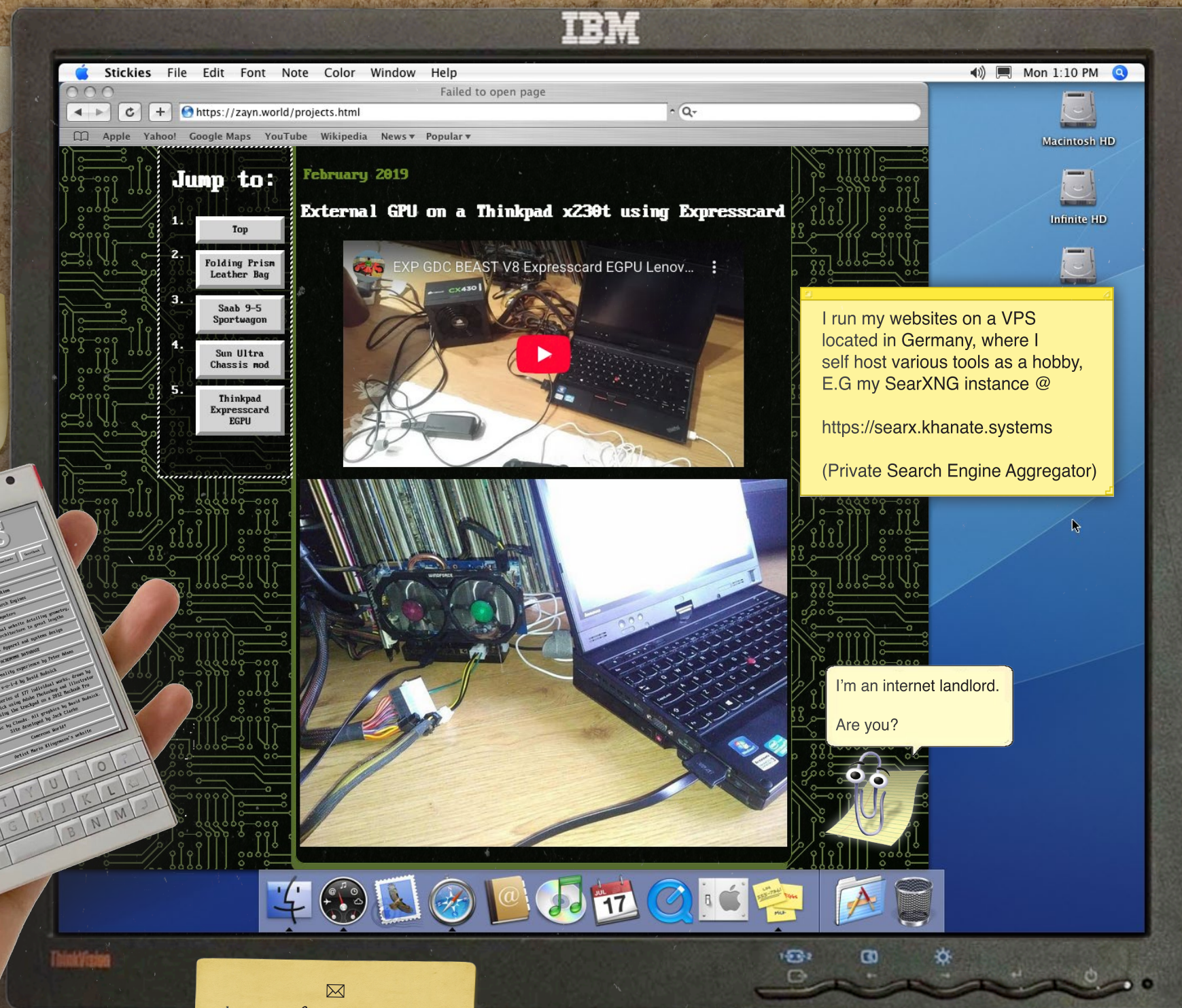
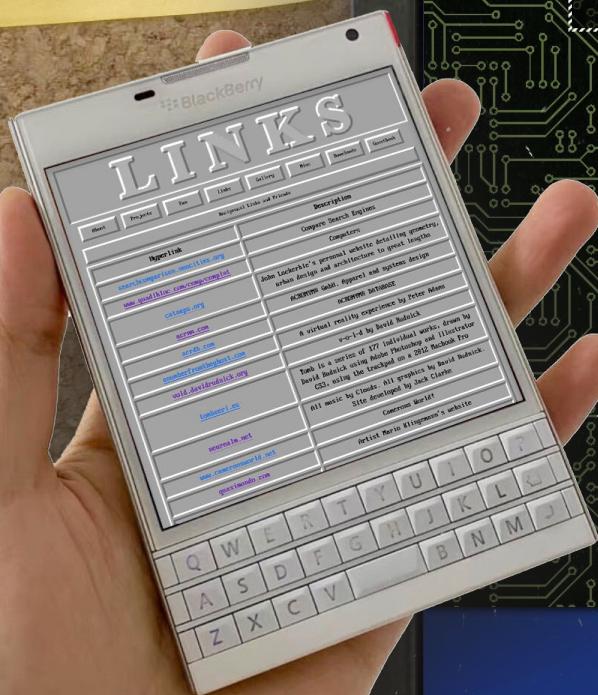


Over the years I have been chipping
away at this build- Thanks to YouTube!
The vision will soon be actualised.

&& Finally- Come
see how I curate my
digital real estate

One of my
favourite pages:

<https://zayn.world/links>




webmaster@khanate.systems