



DOCUMENT ISSUED TO  
TRANSTAR EMPLOYEE NO.

0913

SURNAME

YU

FIRST

MORGAN





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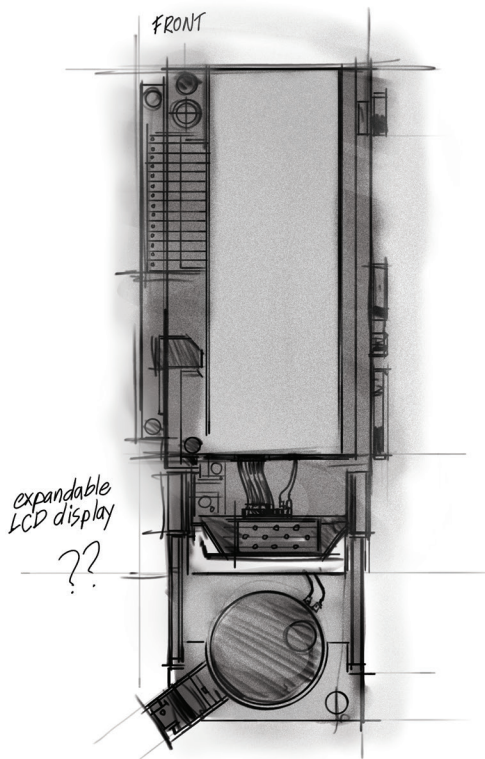
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office 0451

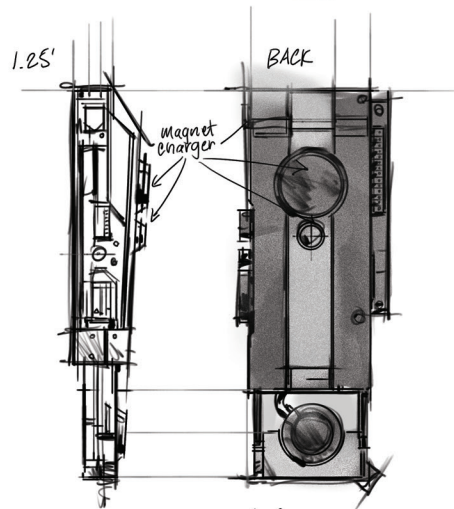


# TS Transcribe



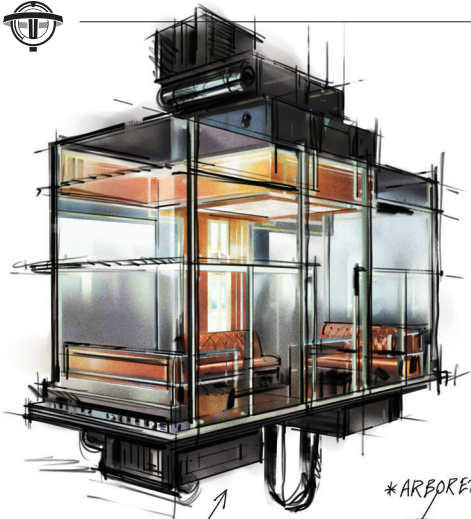
Portable notation and communications device...

Don't forget we have dinner plans tonight.  
8:00pm sharp.  
- Mike



The beta sounded kind of robotic, hopefully this has been remedied?

Ask calvino about the voice synthesis potential for phase 1.  
WILL IT SHIP WITH THIS ??



Talos Lifts

\* central lift shaft  
Express stops at  
key landings.

NEUROMOD  
DIVISION

PSYCHOTRONICS

DEEP  
STORAGE

\* ARBORETUM

\* LOBBY

HARDWARE  
LABS

\* LIFE  
SUPPORT

## Elevator Cabins?



### INTERIORS

should have wood floors/ paneling that match the lobby  
- touch screen main frame operator

Are we really talking about this?

why am I here in this meeting? ALEX OWES ME.





# TRANSTAR MATERIAL RECYCLER 1.0

MINERAL →



$$R = mg = \frac{mv^2}{r}$$

ORGANIC →



-store in a cool location  
-wash hands thoroughly  
after handling

SYNTHETIC →



$$Mg = \frac{mv^2}{r}$$

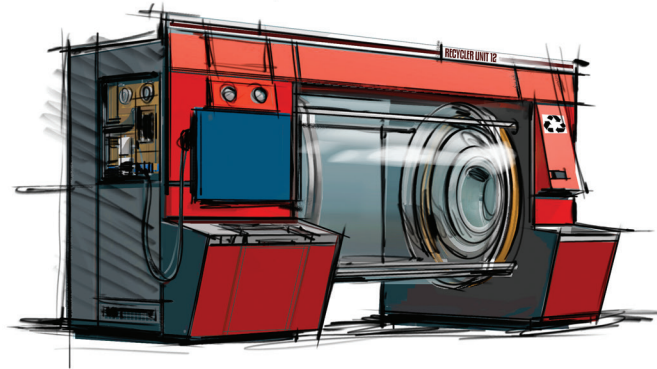
$$v^2 = gr; v = \sqrt{gr}$$

$$R = mg$$

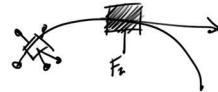
$$F_c = \frac{mv^2}{r}$$

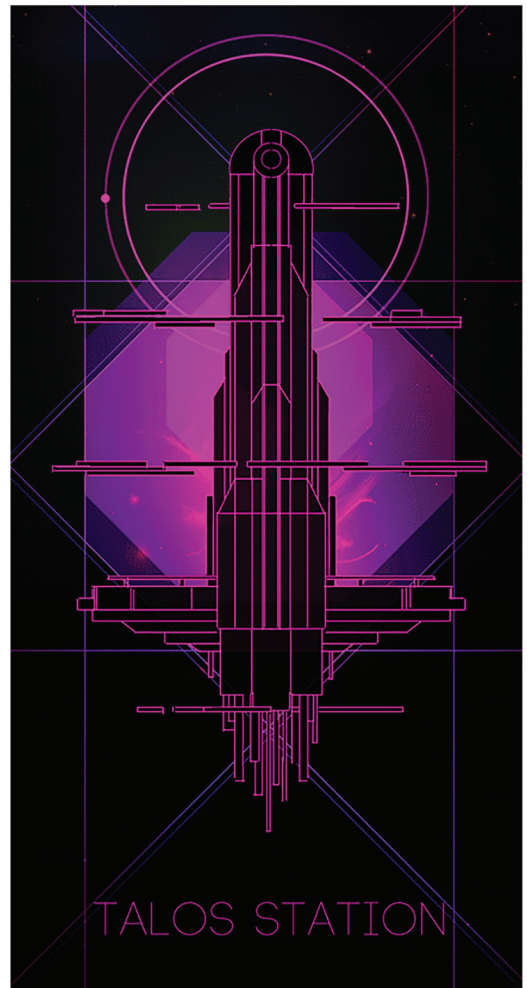
$$mg = R$$

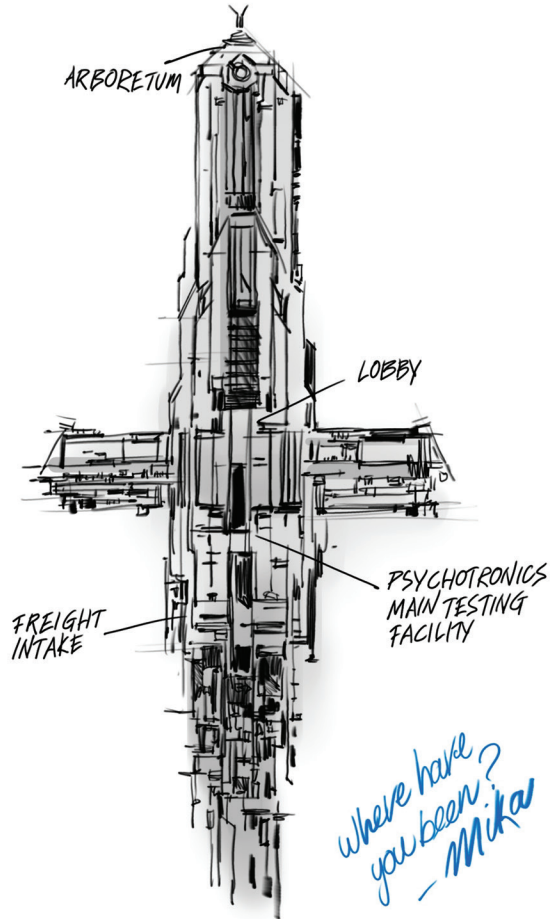
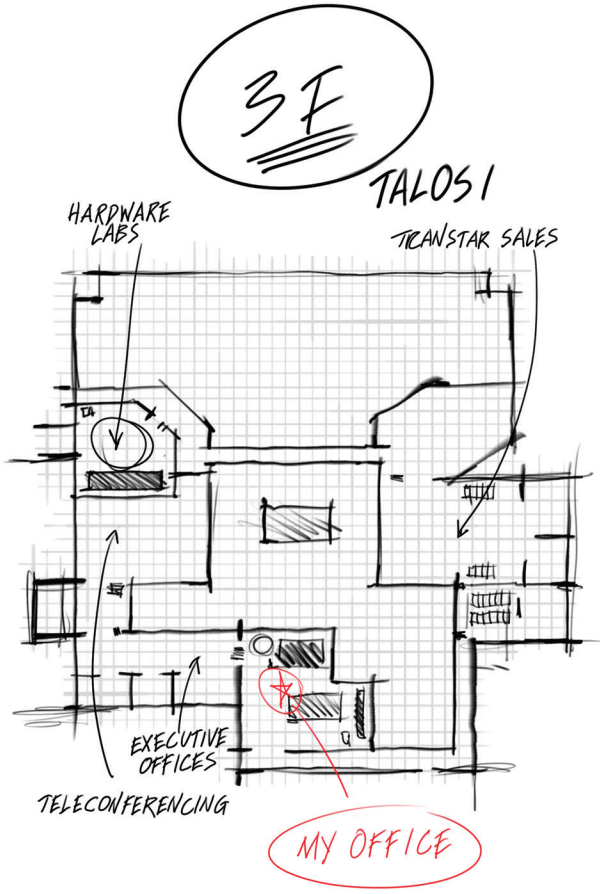
"EXOTIC" →



gloo Cannon	✓ yes
bowl of noodles	✗ no
scrap metal	✓ yes
desk lamp	✓ yes
Alex	✗ no
moonshine	✓ yes







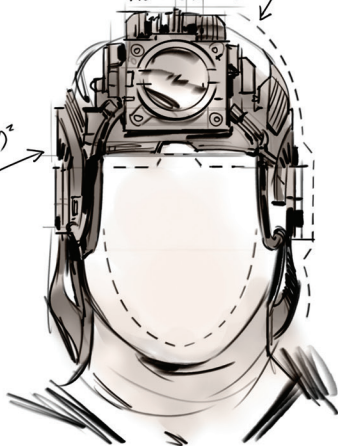


# PSYCHOSCOPE CONCEPT

Need to scan Typhons neural activity WHILE they are performing different tasks. The neural maps I'm logging are dependent on this... must scan Typhons as they are using their abilities!

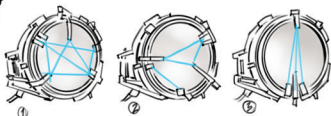
Neoprene Balaclava helmet liner sweat-wicking and breathable

for  $D_1 \phi + \alpha \rightarrow \lambda (\phi + \frac{V_0}{c})^2$   
CLOSED DIAPHRAM



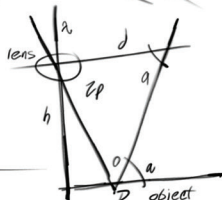
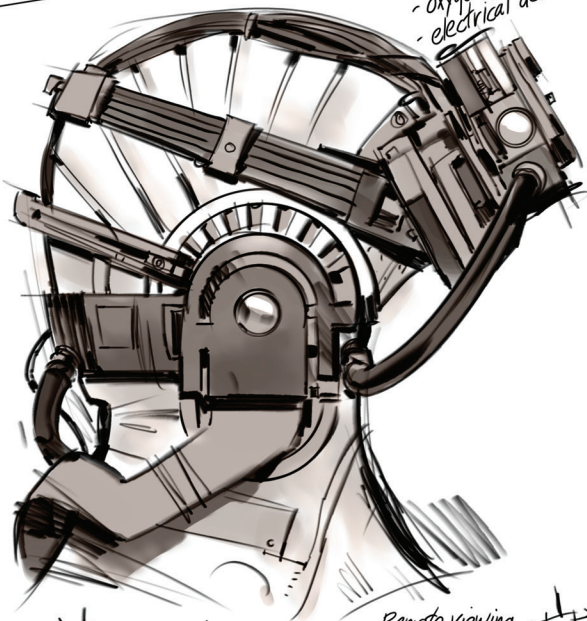
## FOCUSING

displacement theory by laser triangulation



solid-state laser light source  
- verify PSD vs CMOS/CCD detector?

NEURAL ACTIVITY MEASURED BY  
- blood flow  
- oxygen flow  
- electrical activity

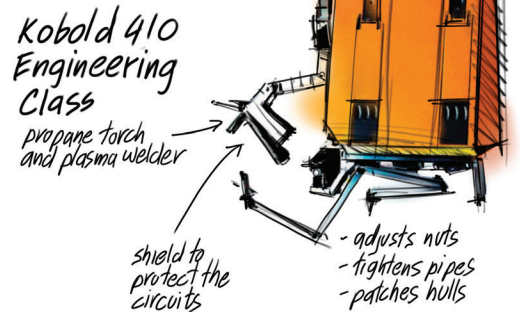
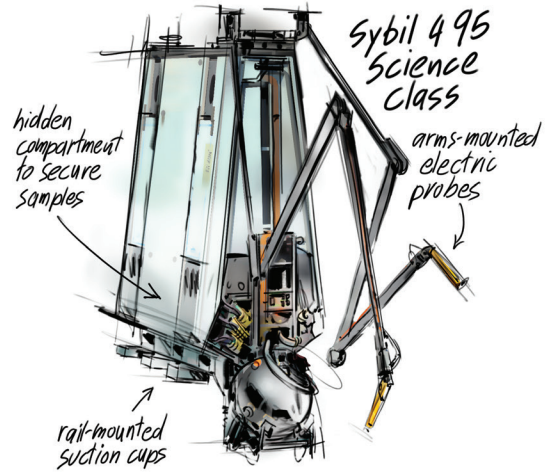
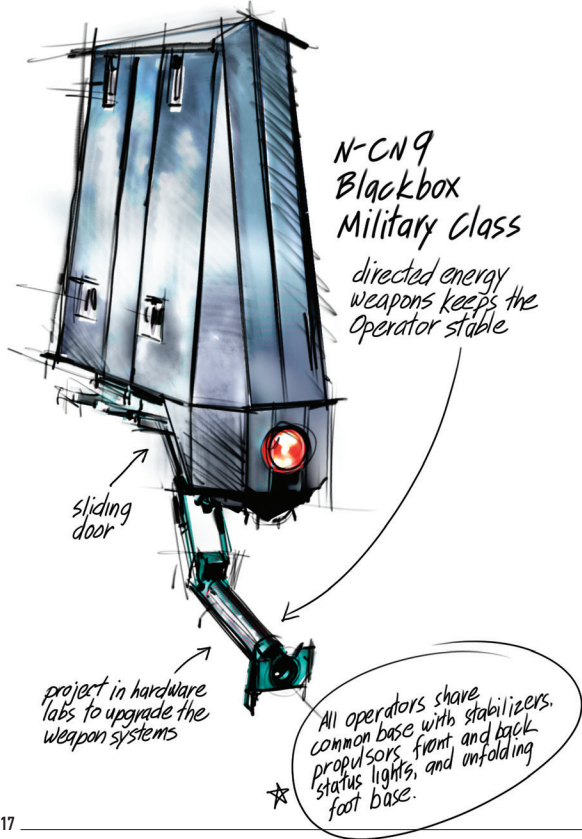


Remote viewing is now up to 10 meters. should try for 15 tomorrow

These headaches are something else... might need a break from the Psychoscope for a few days



# TRANSTAR OPERATORS

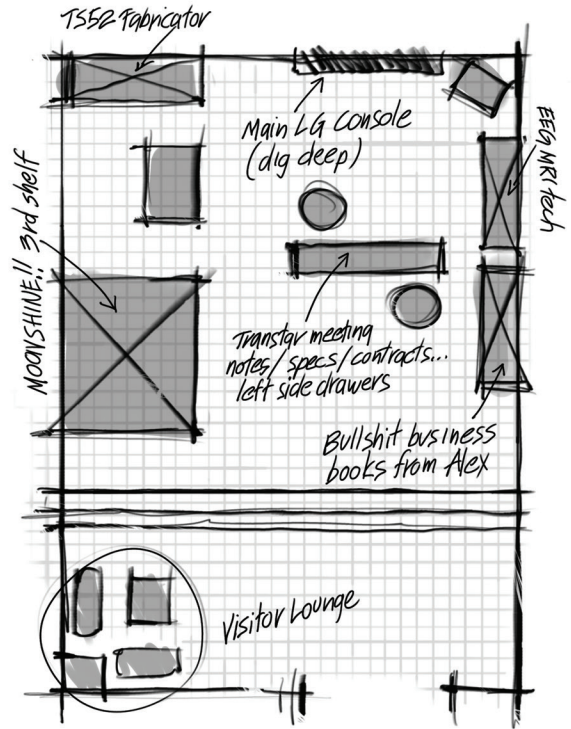






January can help you  
find things in here...

here's my best attempt →

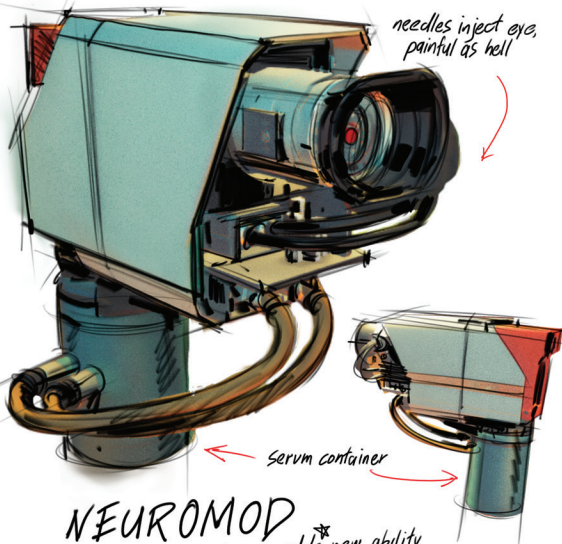


Lobby Office



laser, causes synaptic connections with light sensitive neurons to strengthen or weaken

needles inject eye, painful as hell



serum container

## NEUROMOD

Extrapolates 3D brain image. adds new ability

Dr. Igwe

can help bring you up to speed on the sim.  
Honest. Too naive to be sneaky.  
Has a good grasp on the neuroscience.  
Thinks Alex is a god.  
Nice tho

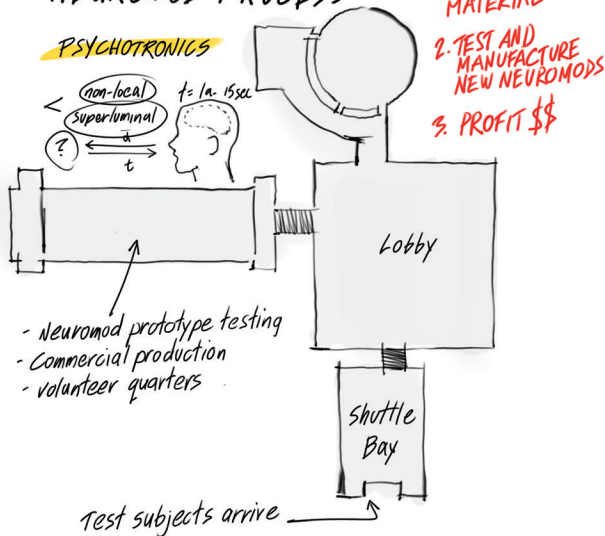
handheld device, single use ONLY

~~NO?~~

~~SIDE EFFECTS~~

## NEUROMOD PROCESS

### PSYCHOTRONICS



## CONNECTOME

3D image of current brain structure - stored on holographic media in neuromod

Road map from current brain to new brain.

Tractographic reconstruction of all Neural connections

NEURAL PLASTICITY mimics memory encoding in brain





"EVERYTHING YOU KNOW IS ABOUT TO CHANGE"

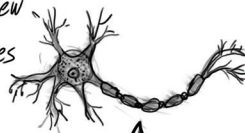


wrong  
eye piece  
shape

"CHANGE EVERYTHING YOU KNOW"

NEUROMOD INJECTS SPECIALIZED SERUM

virus in serum introduces new  
genetic material into the  
subject's neurons which makes  
them sensitive to specific  
wavelengths of light



NEUROMOD INTERNAL  
COMMUNICATIONS

make sure idiots working in PR spell  
names of synthetic neurons correctly..

color specs don't  
match prototype



~~PHANTOM  
MEMORIES?~~

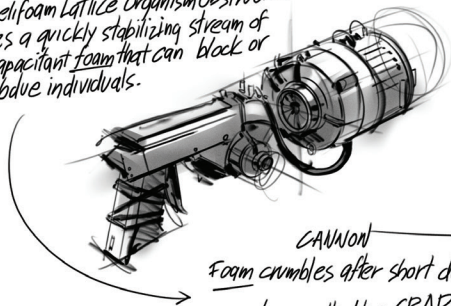
serum container should  
be transparent



(MORE OF A "GOO" BONDING AGENT  
THAN AN ADHESIVE)

# ~~Glue~~ Cannon Concept Gloo?

Gelfoam Lattice Organism Obstructor.  
Fires a quickly stabilizing stream of  
incapacitant foam that can block or  
subdue individuals.



CANNON  
Foam crumbles after short duration  
also smells like CRAP

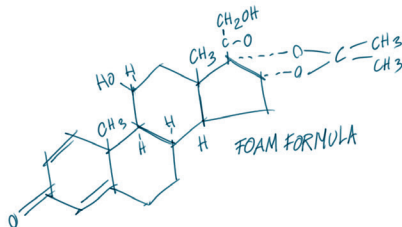
HEAT COILS



AIR THRUST

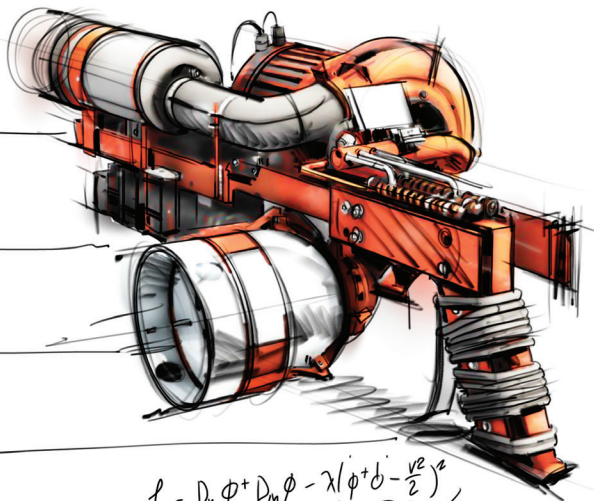
MIN NOT AT X!

TOUCH SENSITIVE TRIGGER



Gloo Cannon

FORM & FUNCTION



$$f_H = D_H \phi + D_H \phi - \chi (\phi + \phi - \frac{V^2}{2})^2$$

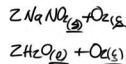
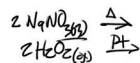
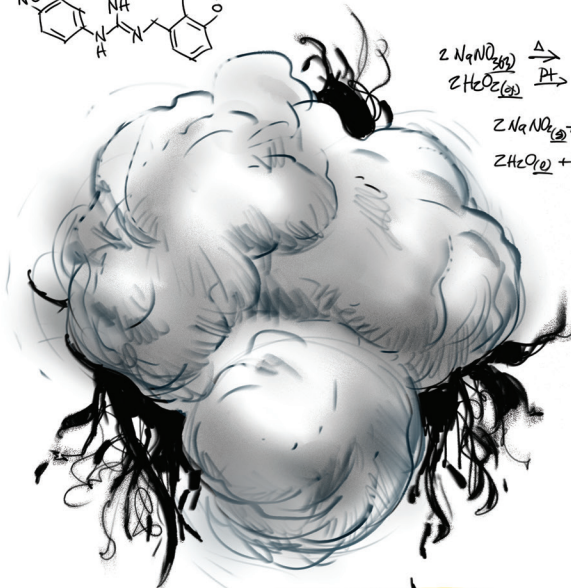
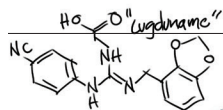
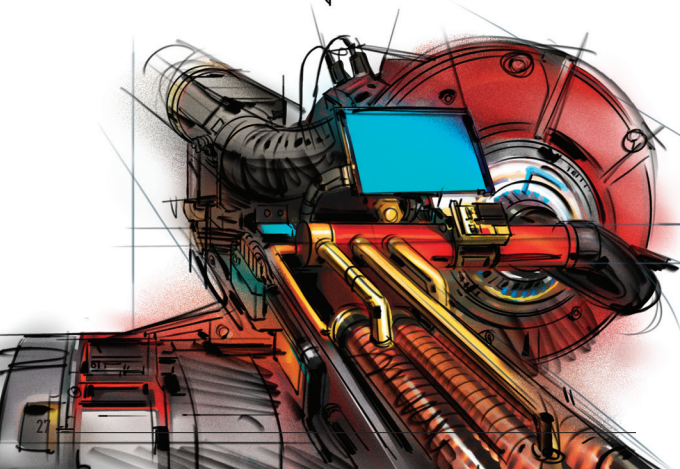
$$D_H \phi = (\rho_m (g \frac{1}{2} - i \frac{1}{2} g \beta_m) \phi$$



# Questions for Calvino

Is this a monitor or interface panel? both??

Will this be running the TSO/ V OS? Should play nice w/ Transtar com. systems.



## GL00 BONDING PROPERTIES

seal off doors	✓
grounds electricity	✓
non-flammable (seal pipes)	✓
subdue rowdy crew members in the yellow tulip after a late night of drinking	✓✓



USE RED WINGS TO REMOVE FORM

GL00 is vitreophobic - won't stick to glass



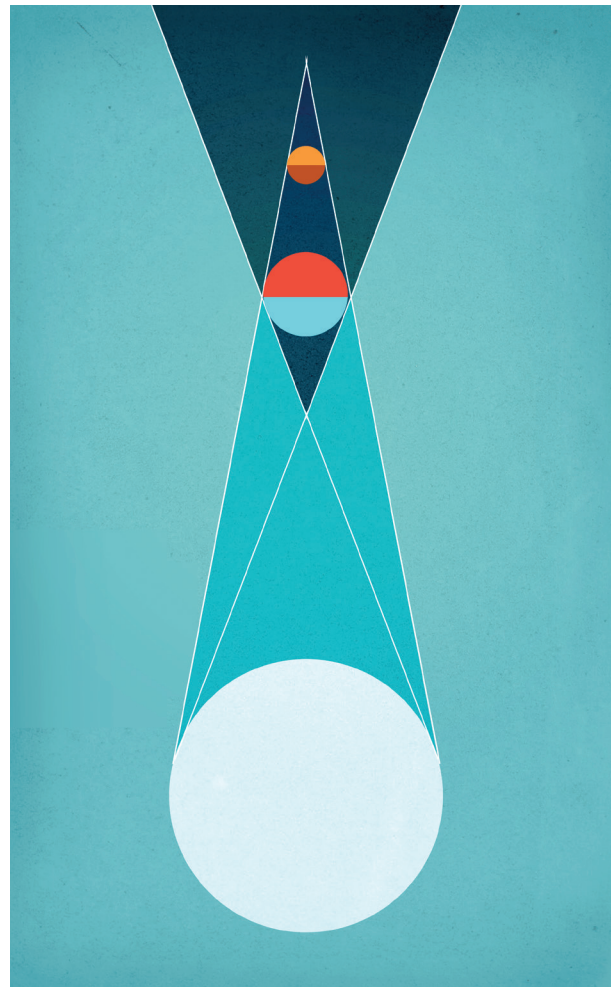
## PANPSYCHISM

Greek term  $\pi\alpha\nu$   $\psi\chi\eta$   
"all, everything, whole" "soul, mind"

all basic physical constituents  
of the universe have proto mental  
properties that are irreducible

Energy : Matter :: Psi : Consciousness

MY PAINTING  
CALVINO'S INSPIRATION →



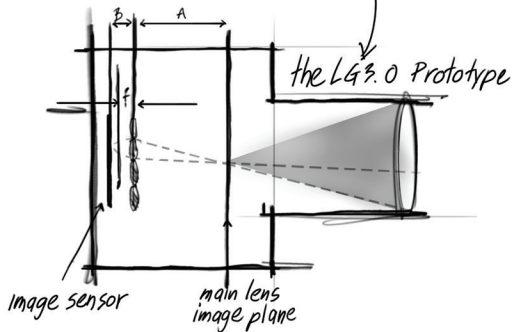




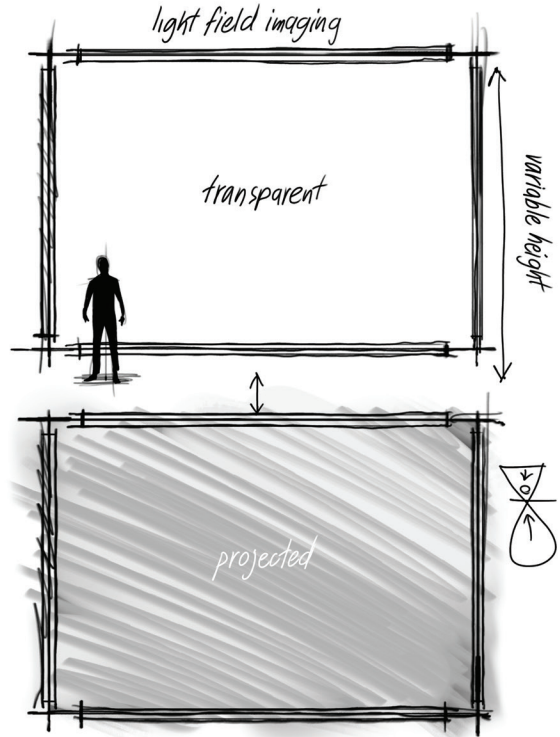
# TRANSTAR TECH MEETING - LIGHT FIELD IMAGING (3/11)

light field is spatial and angular  
distribution of light in a specific space

## PLENOPTIC CAMERAS



- can build giga-pixel image sensors
- displacement of unfocused image parts can be analyzed, depth information then extracted



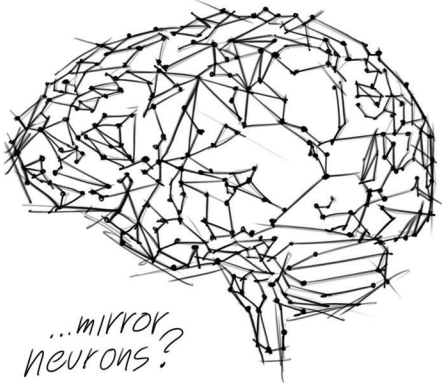
- micro-lenses placed in front of an image sensor
- senses intensity, color, and directional information



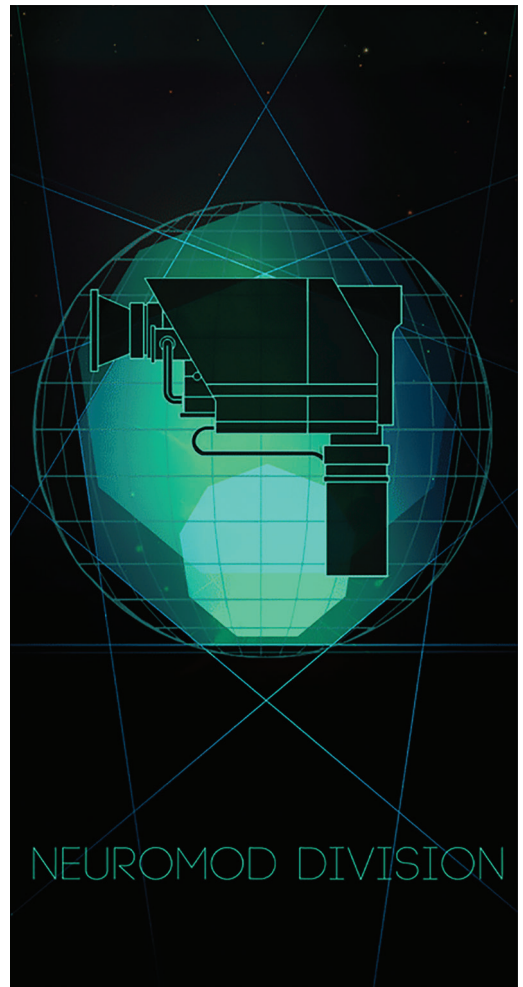
AN INSPIRING VIEW FROM TALOS I



*Typhon  
don't have...*



*...mirror  
neurons?*



NEUROMOD DIVISION





NEURON





# THE MIMICKING TYPHON

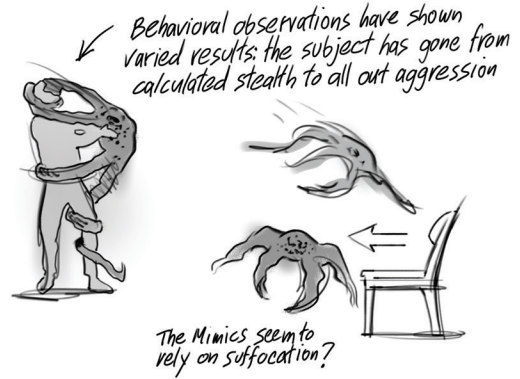
"typhon cacoplasma... sub-species of the typhon and seeming progenitor of most (all?) etc..."



Formlessness can be captured...  
Neuromod injections to inhibit anti-matter!?

Ask M. Simmons about the potential for recalling the cloning properties without prolonged fatigue as a side effect

$$\begin{aligned} F &= mg - R \\ m &= \frac{F}{g} \\ R &= mg - \frac{F}{g} \end{aligned}$$



## DISCREDITED / DEBATED HYPOTHESIS:

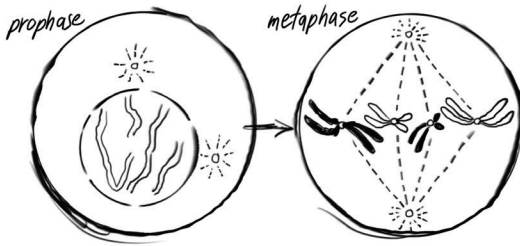
- HALLUCINOGENIC FIELD**  
(the mimics project a field that causes observers to think they see the object)
- TRANSMUTATION**  
(mimic literally reconfigures its atoms and molecules, while somehow maintaining its own subjective consciousness)
- POCKET DIMENSION**  
(mimic swaps places with the object in a parallel dimension, but stays connected via a wormhole)



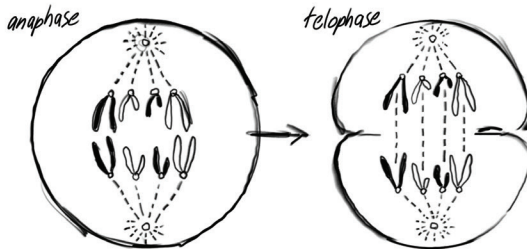
# Human/Typhon Cell Fusion

first phase has to include cerebral division cells have to be split before they can be fused.

★ Stage A. Purkinje cell, analysis of the cerebral cortex



stage B: Neural ganglion

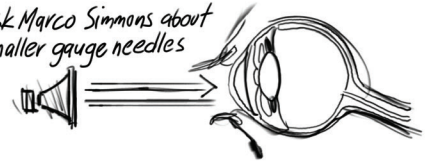


C?

# Neuromod tests

experiments going well, seem to be working.  
Don't like the word "modifications"  
much prefer to think of it as enhancement!

Ask Marco Simmons about  
smaller gauge needles



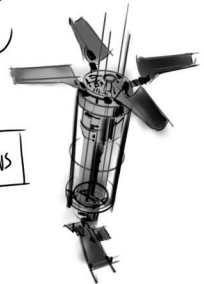
DZERO CMS  
CDF ATLAS

test 1.  $\frac{1}{4} \Gamma_{\mu\nu} F_{\mu\nu} - \frac{1}{4} (\partial_{\mu} B_{\nu} - \partial_{\nu} B_{\mu})$

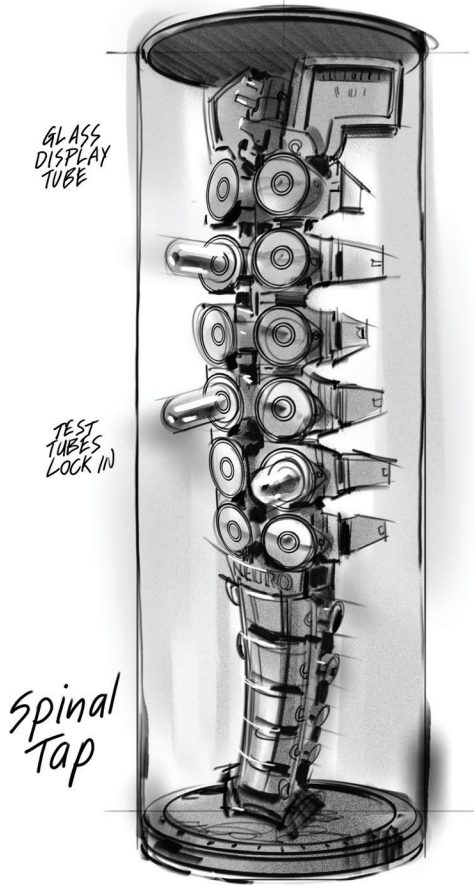
$$H = D_{\mu} \phi + D_{\mu} \phi - \lambda (\phi + \phi - \frac{\sqrt{2}}{2})^2$$

$$D_{\mu} \phi = (\partial_{\mu} - ig \frac{1}{2} - i \frac{1}{2} g' B_{\mu}) \phi$$

$$\phi = \begin{pmatrix} \phi^+ \\ \phi^0 \end{pmatrix} \begin{array}{|c|} \hline \text{two} \\ \hline \text{component} \\ \hline \end{array} \begin{array}{|c|} \hline \text{OPTIONS} \\ \hline \end{array}$$







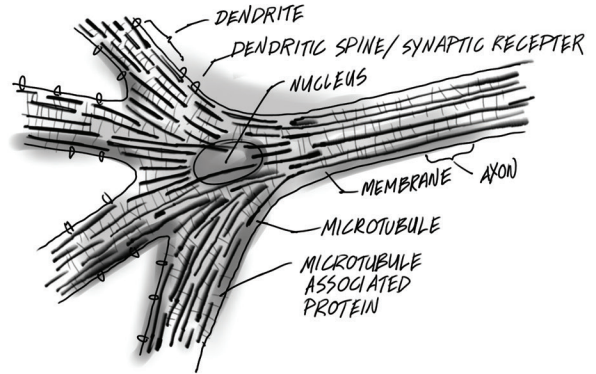
GLASS  
DISPLAY  
TUBE

TEST  
TUBES  
LOCK IN

Spinal  
Tap

## Orchestrated Objective Redution

consciousness originates from  
processes inside neurons



Orch OR - consciousness is based on  
non-computable quantum processing



Session 4  
08 / 02 / 34  
Psychotronics division

## TYPHON ANALYSIS

- Psychic, Telepathic properties  
I can feel it in my head, hard to explain...  
a cloudy, distracted feeling
- Beings have an atypical anatomy.  
able to levitate
- Create various entities



↙ this species will get into your head  
need to wear a Psychoscope to keep them out



x2/H-  
f. 10425, 21  
'u 610/11





## TIMELINE

2005 - I was born

2018 - destroyed competition at robotics tournament

2023

2025 - Alex gets the CEO gig.  
Good for him TranStar is born

2030 - the Yu family has turned this hunk of Russian metal into a premier, state of the art space station/science research facility

2032 - my first day on the job

...2050? - homo sapiens will be  
smarter stronger immortal...  
TranStar has reached the goal



DON'T FORGET WHY  
YOU ARE HERE



---

~~LAST NIGHT~~

I KEEP HAVING THIS ~~DREAM~~  
NIGHTMARE

THERE'S SOMETHING THERE.  
I CAN'T SEE IT... BUT IT SEES ME.





REMEMBER TO START  
WRITING THINGS DOWN.  
EVERY DAY!

























## TALOS I FOOD COURT

DON'T FORGET TO VISIT THE CAFETERIA  
EVERY NIGHT FOR HAPPY HOUR FROM 5-7PM

### PACKAGED FOOD

Kimchi Bowl  
Siskak Unagi Rollz  
Crispy Frites  
Jellied Eels  
Curry Tofu Bites  
Big Bang Candy  
Spiralife Cookies  
Kissel Pudding  
Sun-Dried Tomato Jerky  
Udon Noodle Pack  
Veggie Blend  
Captain Spree's Fish Sticks  
Pacific Sliders  
Glucassist!  
Ossetra Caviar

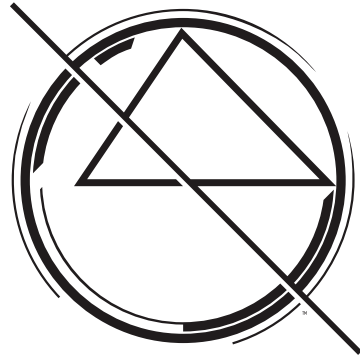
### FRESH FOOD

Moonshade Lemon  
"Methuselah" Apple  
Sunburst Banana  
Skyking Pomegranate  
Jamón Tomato  
RanDom Dim Sum  
Shaker Lemon Pie  
Sunburst Banana Pudding  
Blini Cakes

### BEVERAGES

Old Sardar Bourbon  
Duck Beer  
Green Beetle Gin  
King & Way Sparkling Wine  
Pomegranate Moonshine  
Cold Mountain Green Tea  
Rejuvenated Water  
Kafe Karsk  
Tamizdat Vodka  
PopStar

*To make this right,  
someone has to DIE.*



P R E Y<sup>®</sup>