



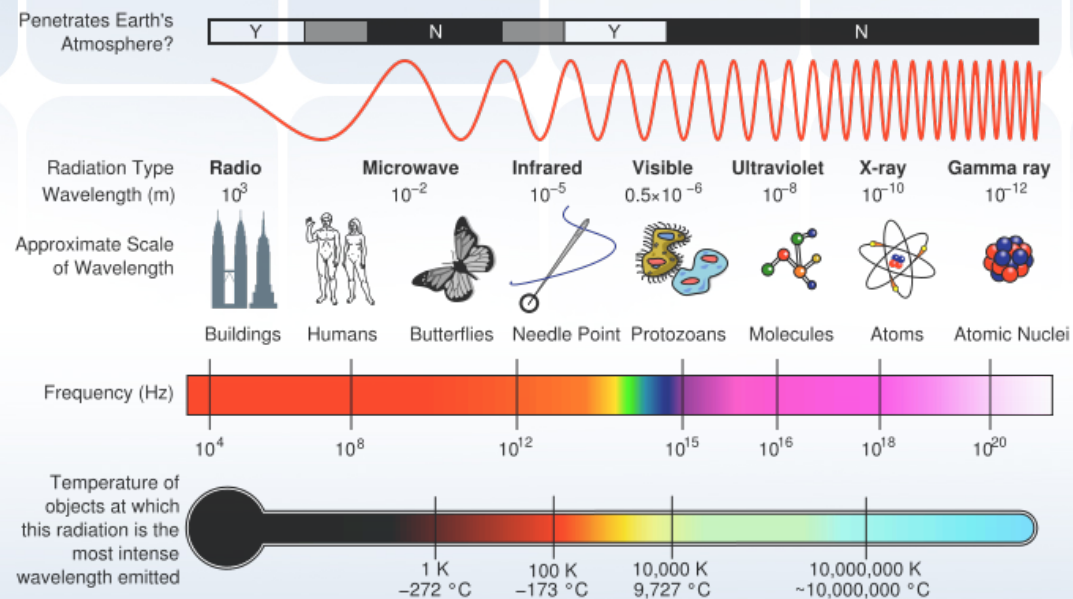
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Jesse Venticinque – Active Environments

Design Noir: The Secret Life of Electronic Objects

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Hertzian Space: *A physical space in the electromagnetic spectrum (that electronic objects influence and manipulate).*



Nowhere to hide

Hertzian Space: *An invisible & pervasive part of reality that is accessed through objects & informed by our imaginations.*

Nowhere to hide

Hertzian Space: *An invisible & pervasive part of reality that is accessed through objects & informed by our imaginations.*

- *Indirectly experienced through machines*

Nowhere to hide

Hertzian Space: *An invisible & pervasive part of reality that is accessed through objects & informed by our imaginations.*

- *Indirectly experienced through machines*
- *Magical, invasive, & inhabitable*

Nowhere to hide

Hertzian Space: *An invisible & pervasive part of reality that is accessed through objects & informed by our imaginations.*

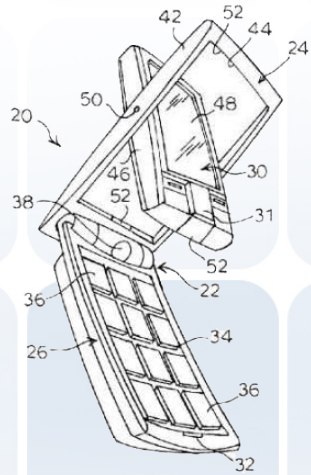
- *Indirectly experienced through machines*
- *Magical, invasive, & inhabitable*
- *Influenced by imagination; product of the mind*

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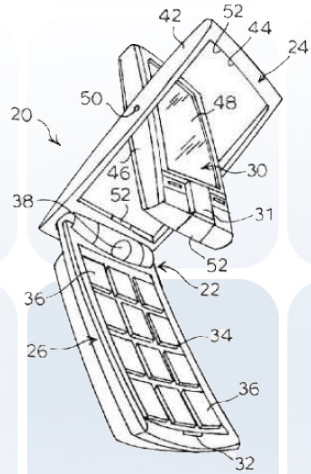
Hertzian Space: *An invisible & pervasive part of reality that is accessed through objects & informed by our imaginations.*

- *Indirectly experienced through machines*
- *Magical, invasive, & inhabitable*
- *Influenced by imagination; product of the mind*
- *Incredibly useful & lucrative*

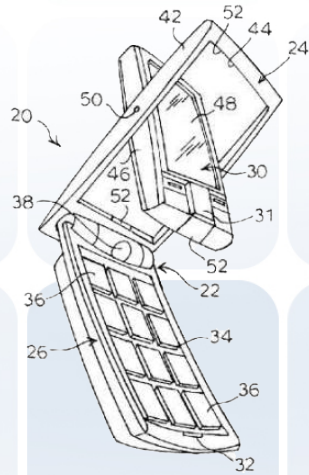
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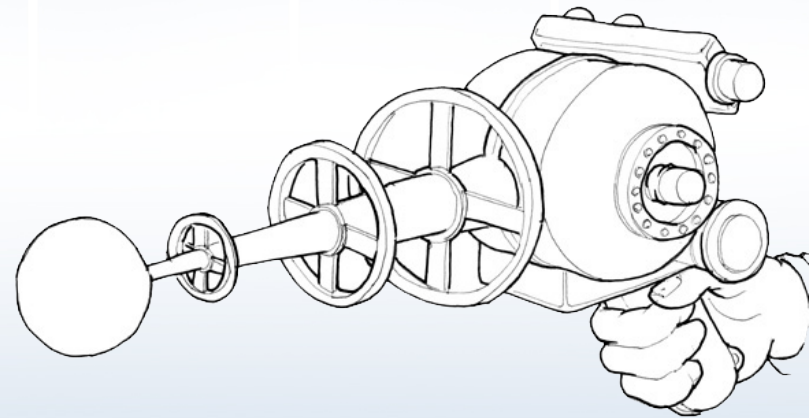
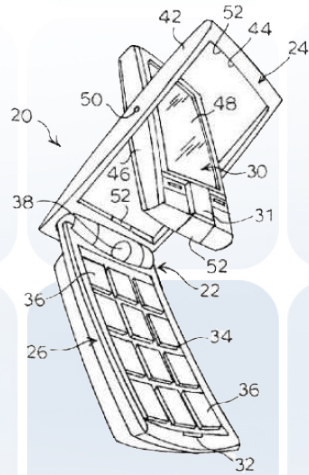
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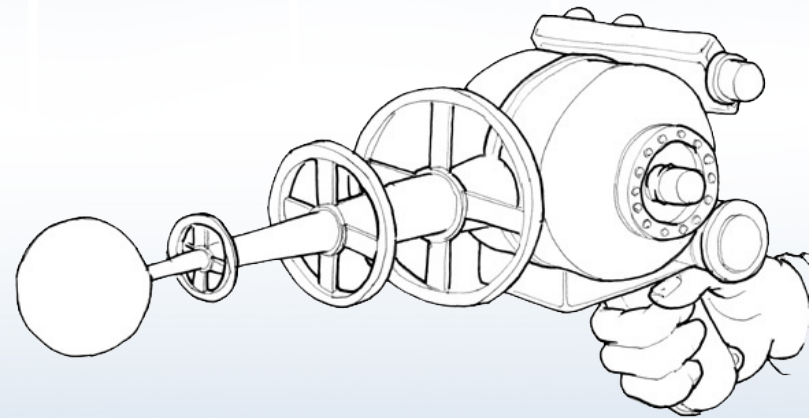
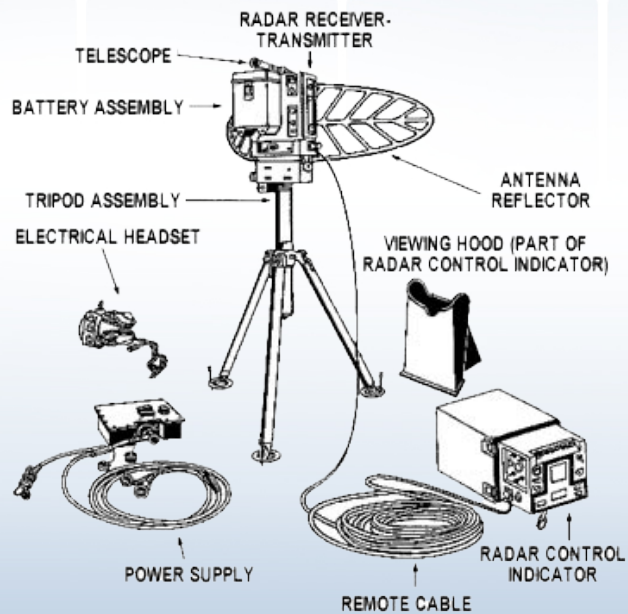
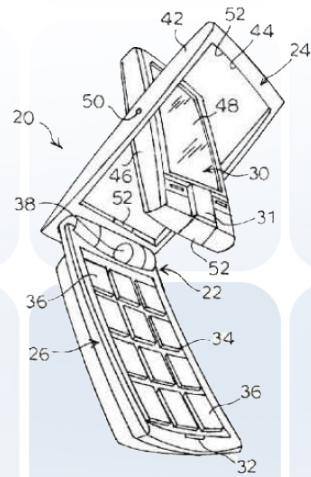


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Design Noir: The Secret Life of Electronic Objects

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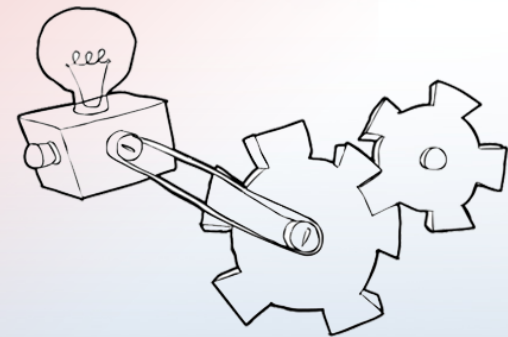
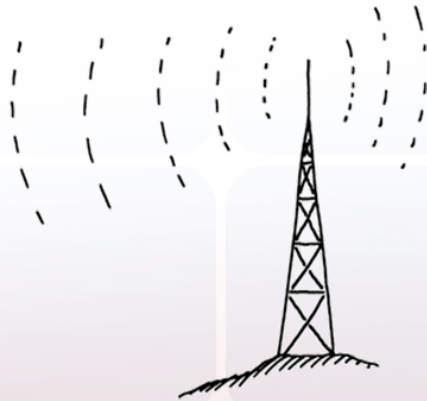


Design Noir: The Secret Life of Electronic Objects

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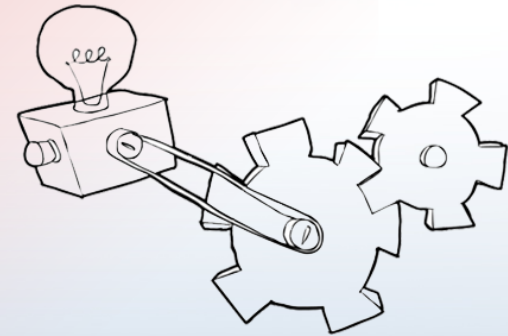
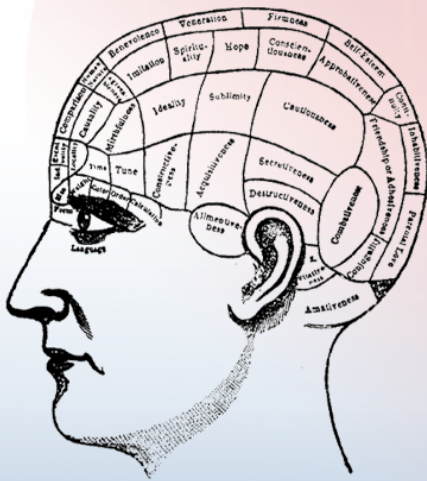
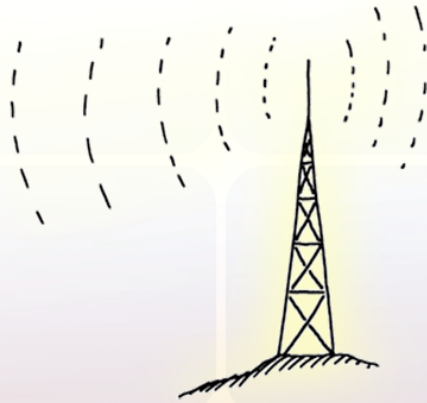
The illustration is set against a background of a light blue grid of rounded squares. A large, semi-transparent red Venn diagram with three overlapping circles is centered on the page. In the bottom-left corner, there is a black and white line drawing of a human head in profile, facing left. The brain is exposed and divided into a grid of labeled regions, including 'Language', 'Memory', 'Imagination', 'Reason', 'Sight', 'Hearing', 'Taste', 'Smell', 'Touch', 'Pain', 'Joy', 'Grief', 'Love', 'Hate', 'Anger', 'Fear', 'Hope', 'Desire', 'Will', 'Power', 'Wealth', 'Honor', 'Reputation', 'Friendship', 'Love', 'Hate', 'Anger', 'Fear', 'Hope', 'Desire', 'Will', 'Power', 'Wealth', 'Honor', 'Reputation'. Above the head, a radio tower stands on a small patch of ground, with several curved dashed lines representing radio waves emanating from its top. In the bottom-right corner, there is a line drawing of a lightbulb sitting on a small rectangular base. To the right of the base are two interlocking gears, and a pair of pliers is shown adjusting a screw on the base of the lightbulb.

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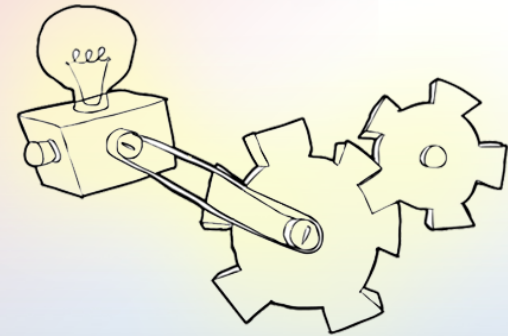
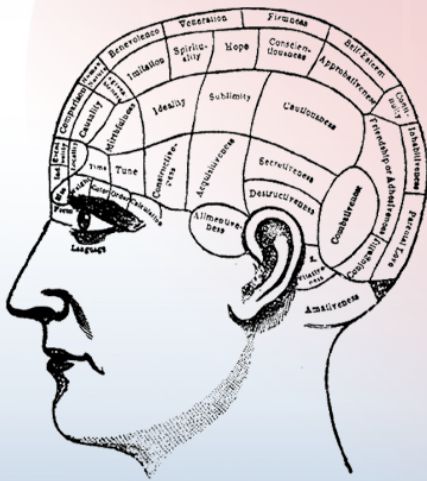
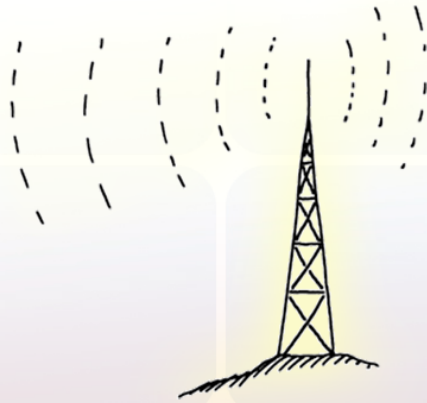
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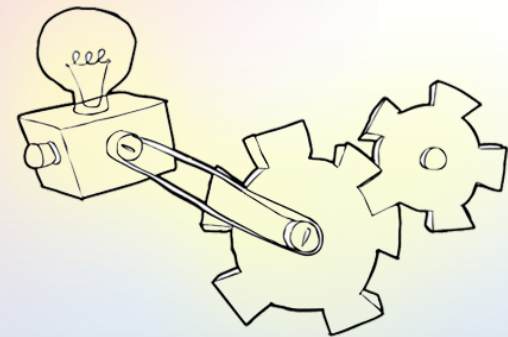
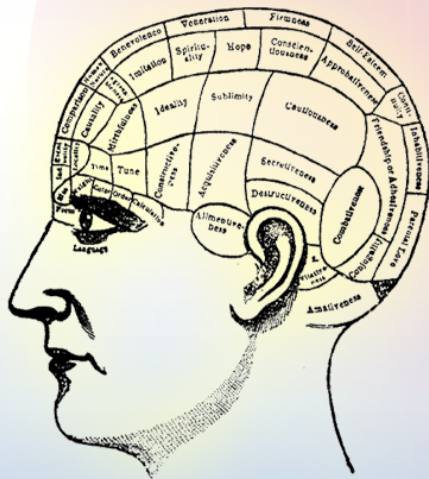
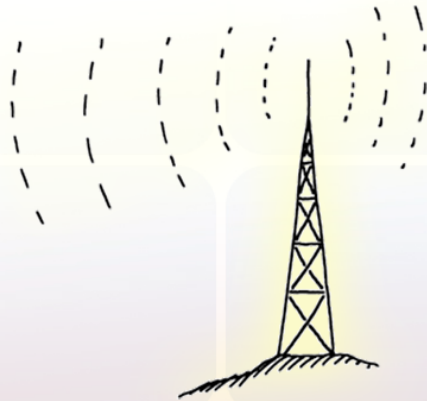
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Design Noir: The Secret Life of Electronic Objects

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Design Noir: The Secret Life of Electronic Objects



Spectral Geographies

Visualizing the Spectrum

Design Noir: The Secret Life of Electronic Objects

Spectral Geographies

Electrogeography:

- *How EM radiation interacts with the physical environment.*
- *How hertzian space fits within the physical realm*

Spectral Geographies

Electrogeography:

“... an in-between landscape of shadows & hotspots”





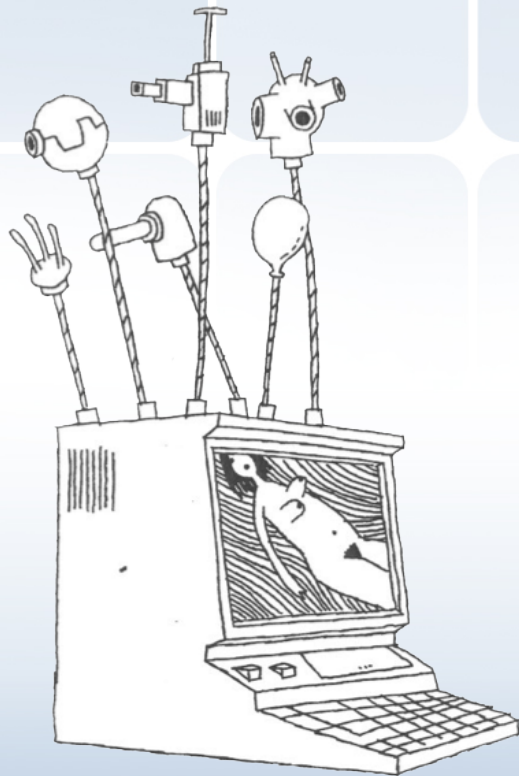
Radiant Objects

Privacy, boundary, and magical devices

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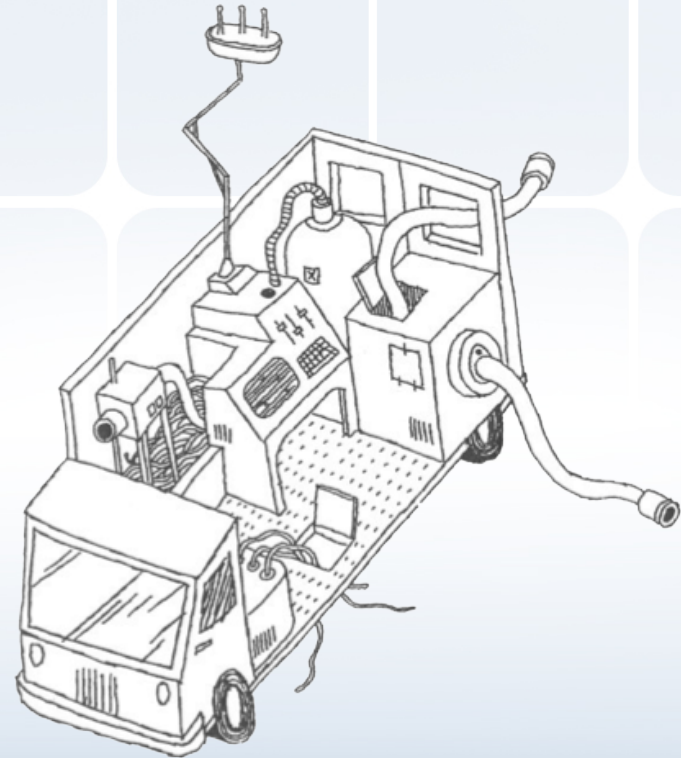
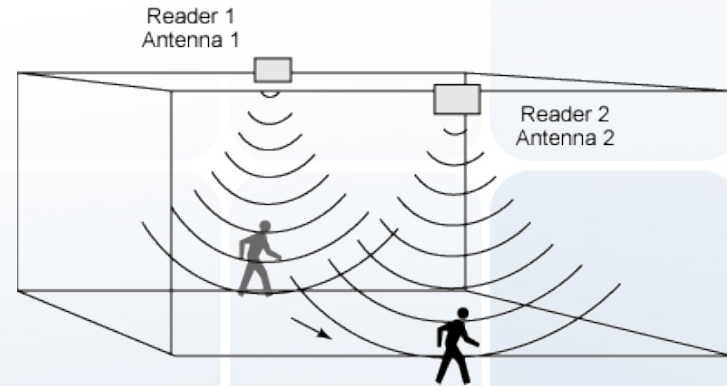
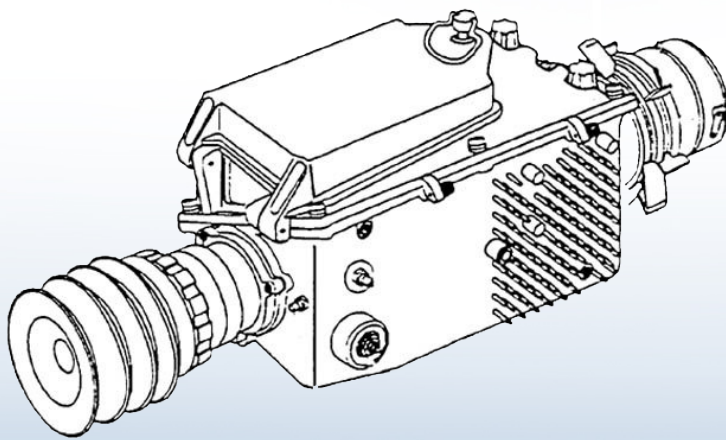
Radiant Objects

- *EM Leakiness & Privacy*



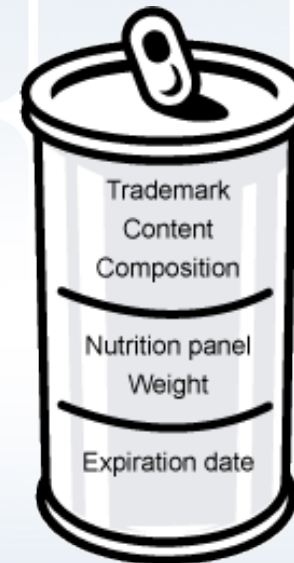
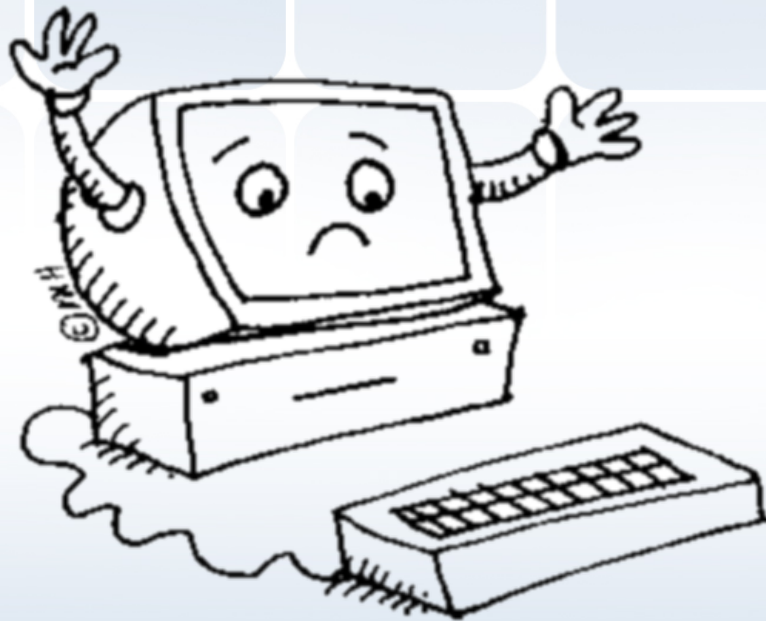
Radiant Objects

- *Thermal Imaging*
- *Boundary*
- *Inside vs. Outside*



Radiant Objects

- *Ghosts in the Machine*

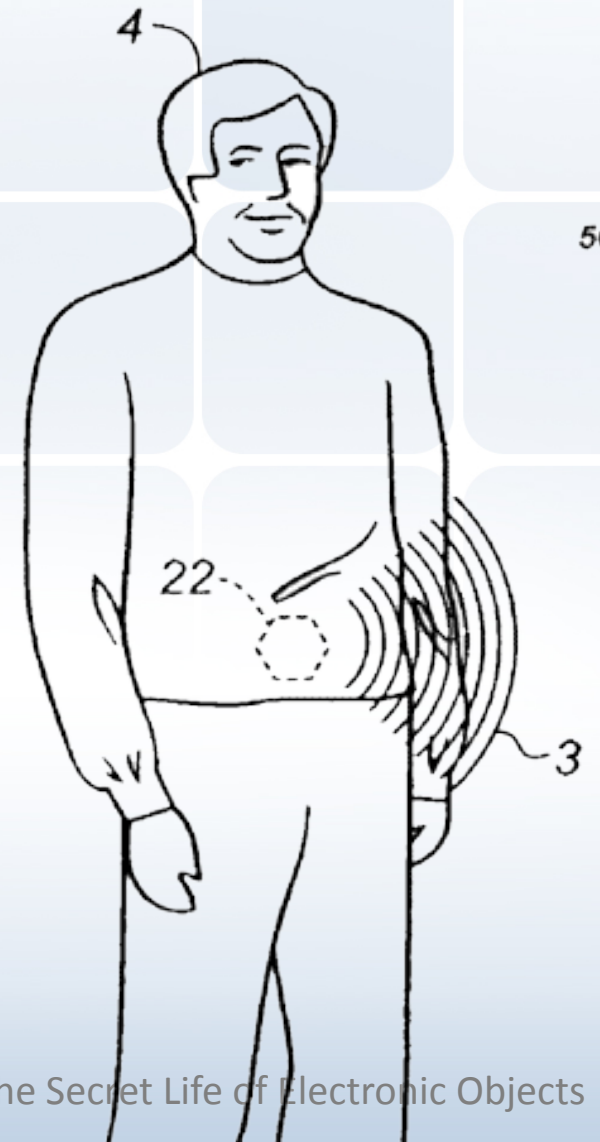


Electrosmog & Immaterial Sensuality

Hertzian Pollution & Psychological Protection

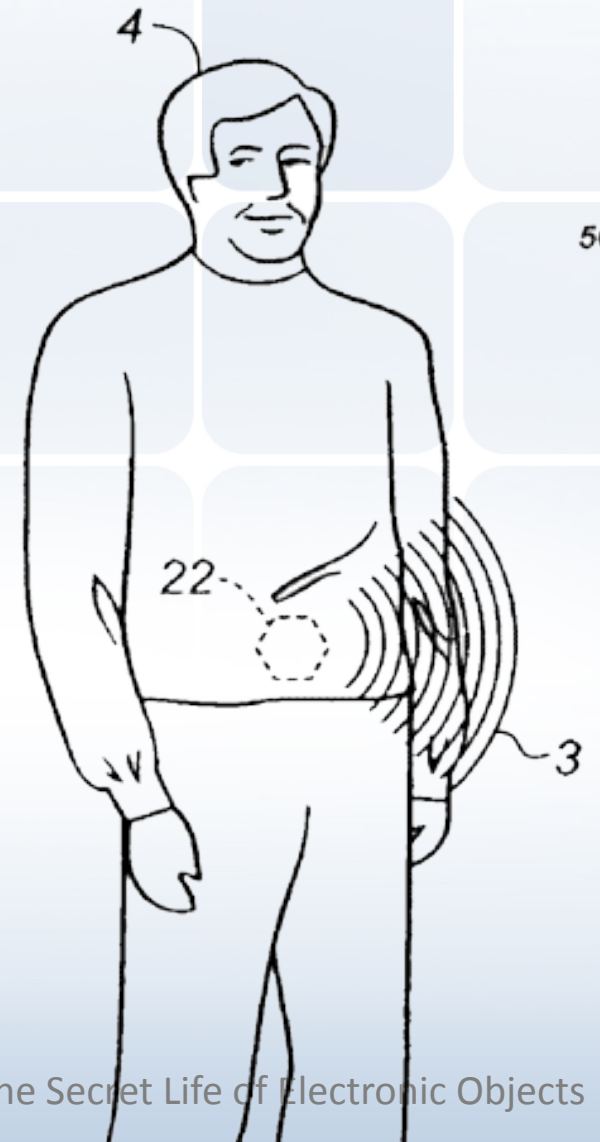
Electrosmog

- *How does EM radiation touch us?*



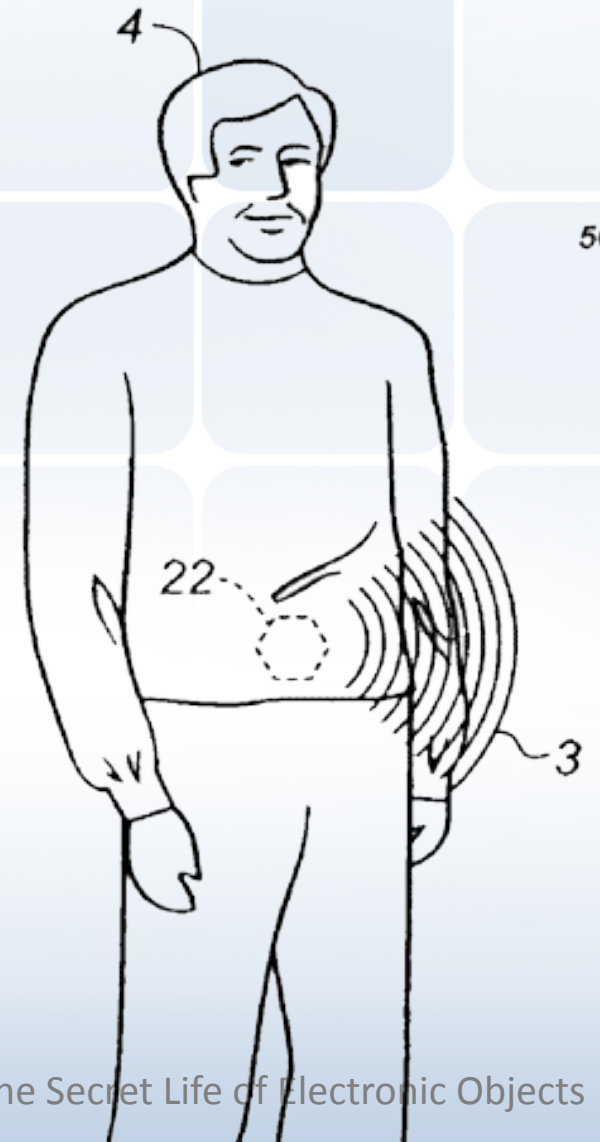
Electrosmog

- *How does EM radiation touch us?*
- *Can it 'see' us? 'read' us?*



Electrosmog

- *How does EM radiation touch us?*
- *Can it 'see' us? 'read' us?*
- *Does EM radiation cause disease?*



Electrosmog

Electrosmog: new form of pollution

The Electro-sensitives:

- The Swedish Association for the Electro-Sensitive
- Environmental Illness & Hypersensitivity



Electrosmog

Electrosmog: new form of pollution

The Electro-sensitives:

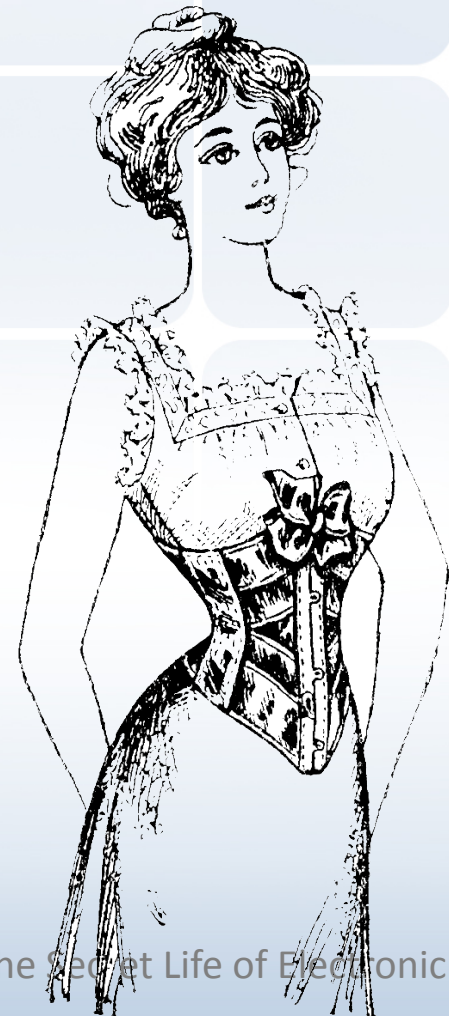
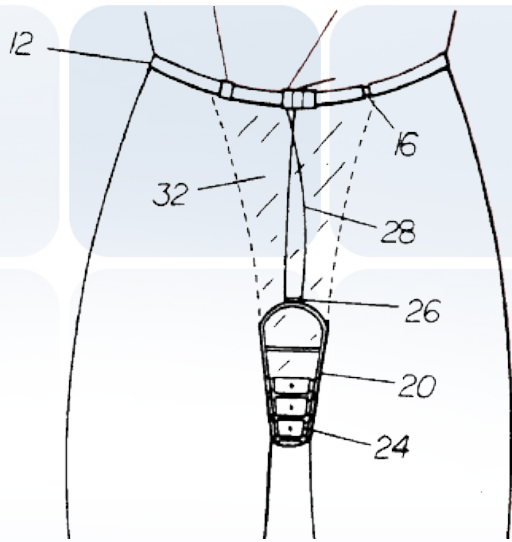
- The Swedish Association for the Electro-Sensitive
- Environmental Illness & Hypersensitivity

“As the environment becomes flooded with electromagnetic radiation...we are being overloaded...as huge amounts of information...interact with the millions of electrical processes in every living cell in our bodies”

- Helen Hall, from the script of Powerlines

Electrosmog

Electrosmog: a new form of pollution



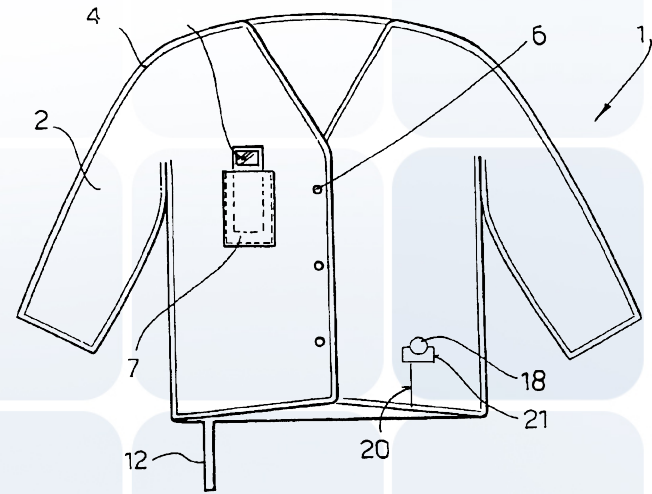
<http://www.lessemf.com/>

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Immaterial Sensuality

Radiogenic Objects:

- *Interact directly with the spectrum*
- *Electromagnetically unpolluted spaces*
- *Datasafe, Waveshield, Farady Cages*



Design Noir: The Secret Life of Electronic Objects
FIG. 1



Electro-connoisseurs

Finding pleasure in the spectrum

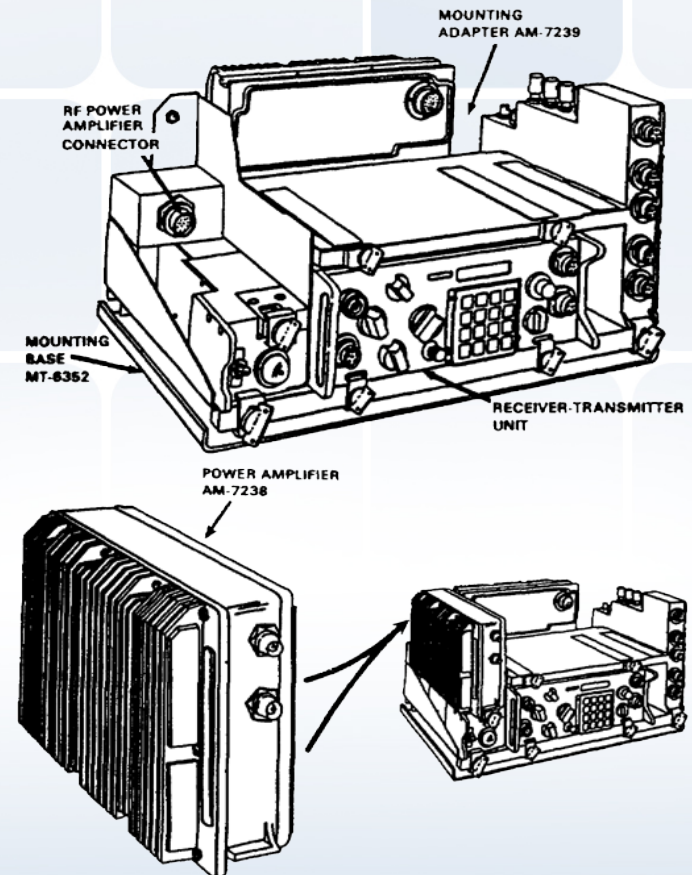
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Electro-connoisseurs

Finding pleasure in the spectrum

-Foxhunters

-Whistler Hunters

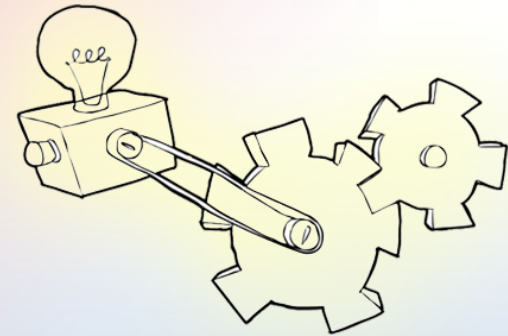
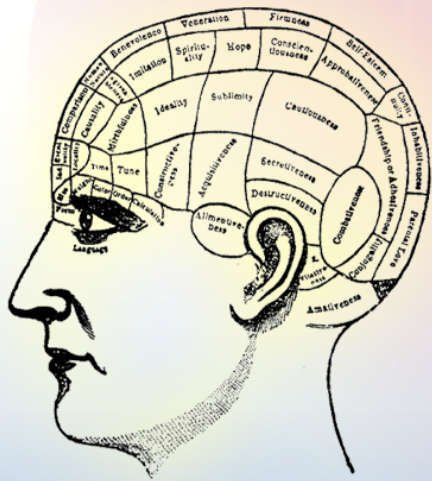




Designing the Imagination

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Designing the Imagination



Design Noir: The Secret Life of Electronic Objects

Designing the Imagination



- *How much of reality do you “see” & how much do you imagine?*
- *How does technology influence perception?*
- *Does Hertzian space exists without our machines? Without us interacting with it?*

