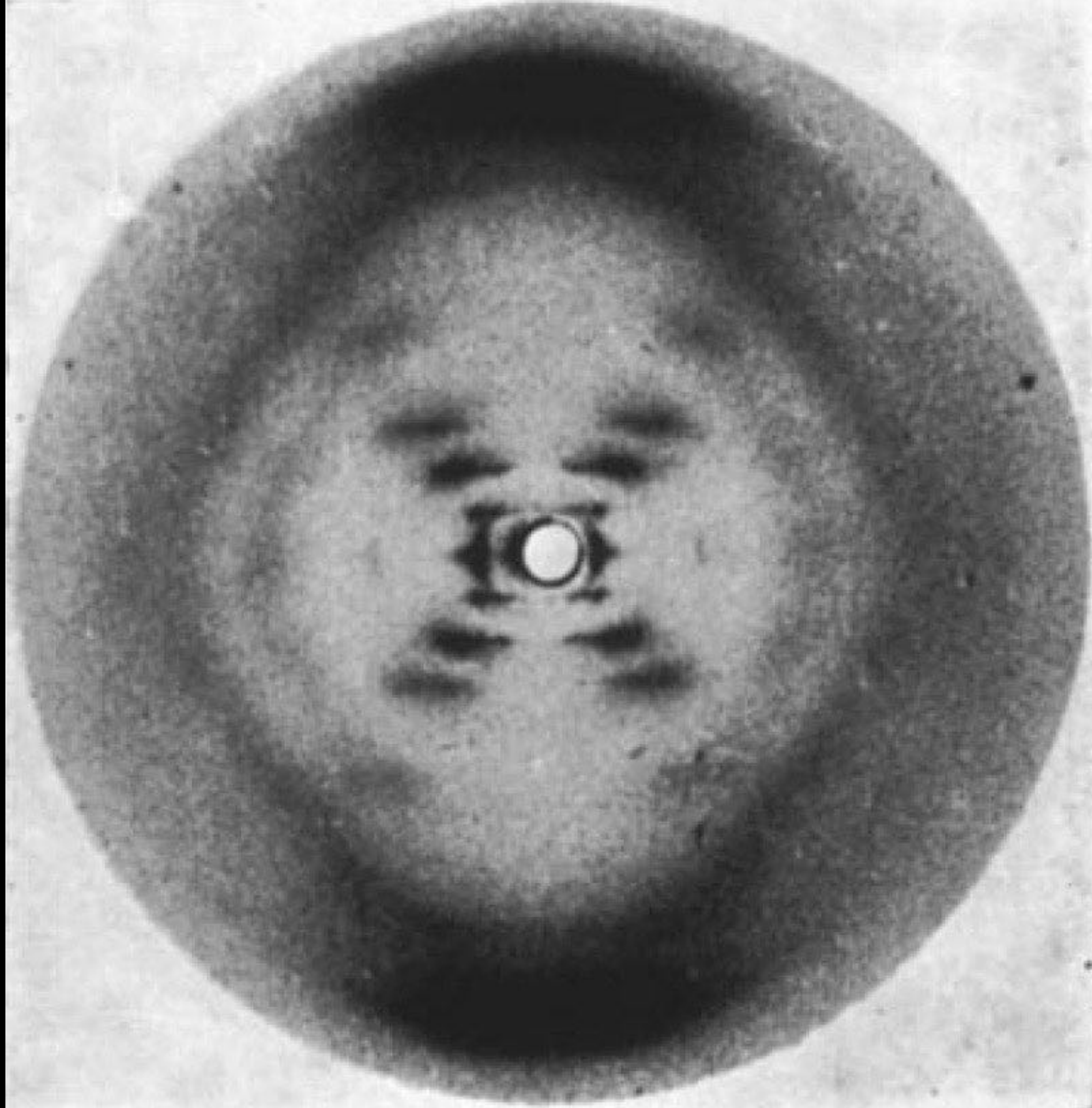
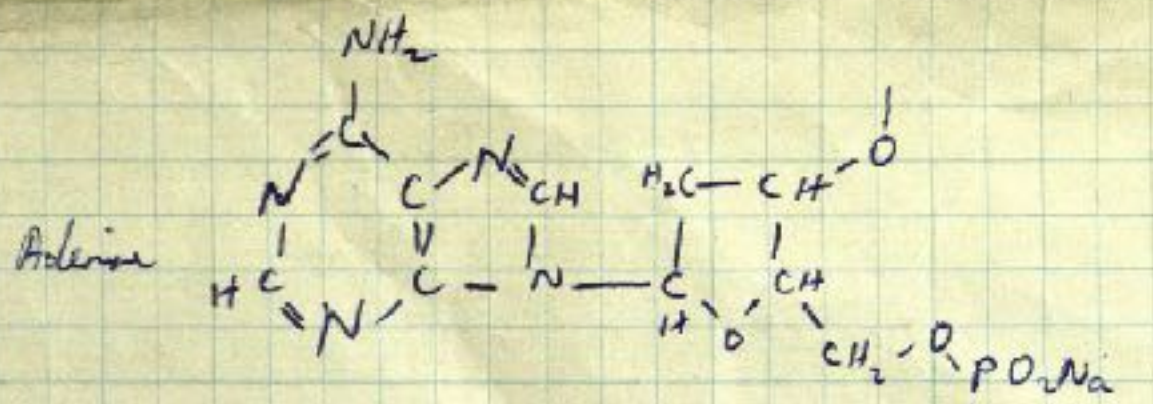


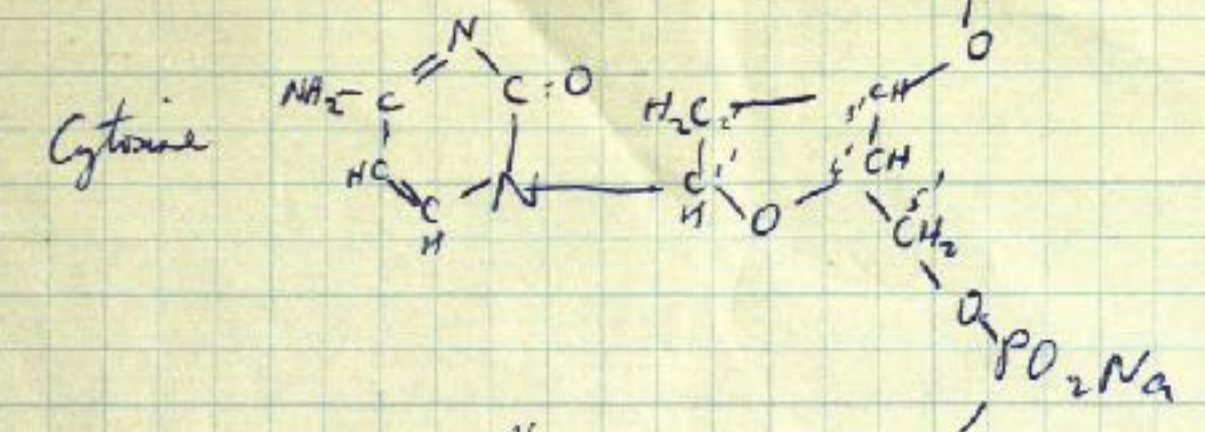


EVALUATING
TECHNOLOGY

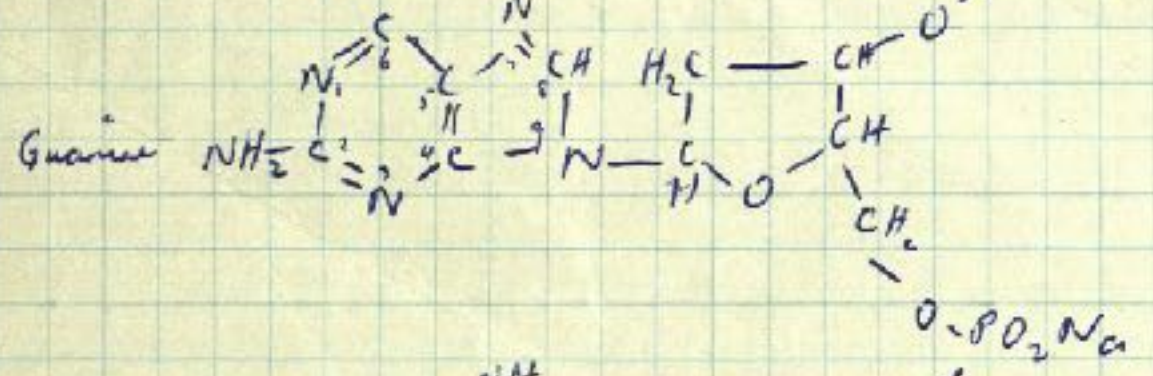




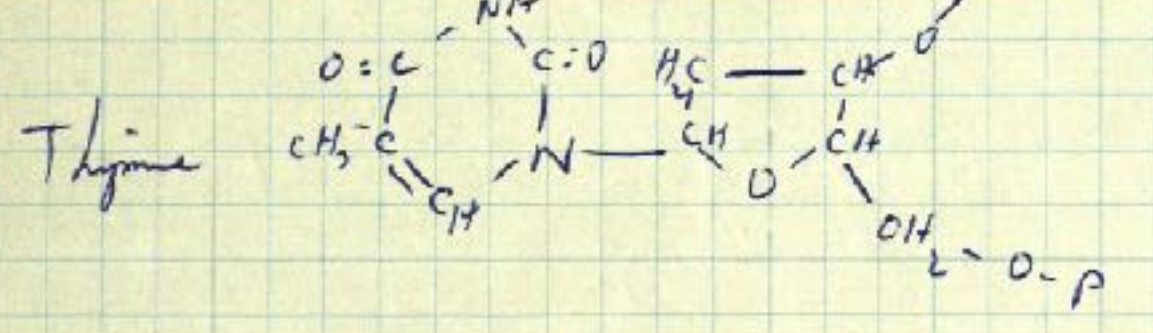
A



C



G



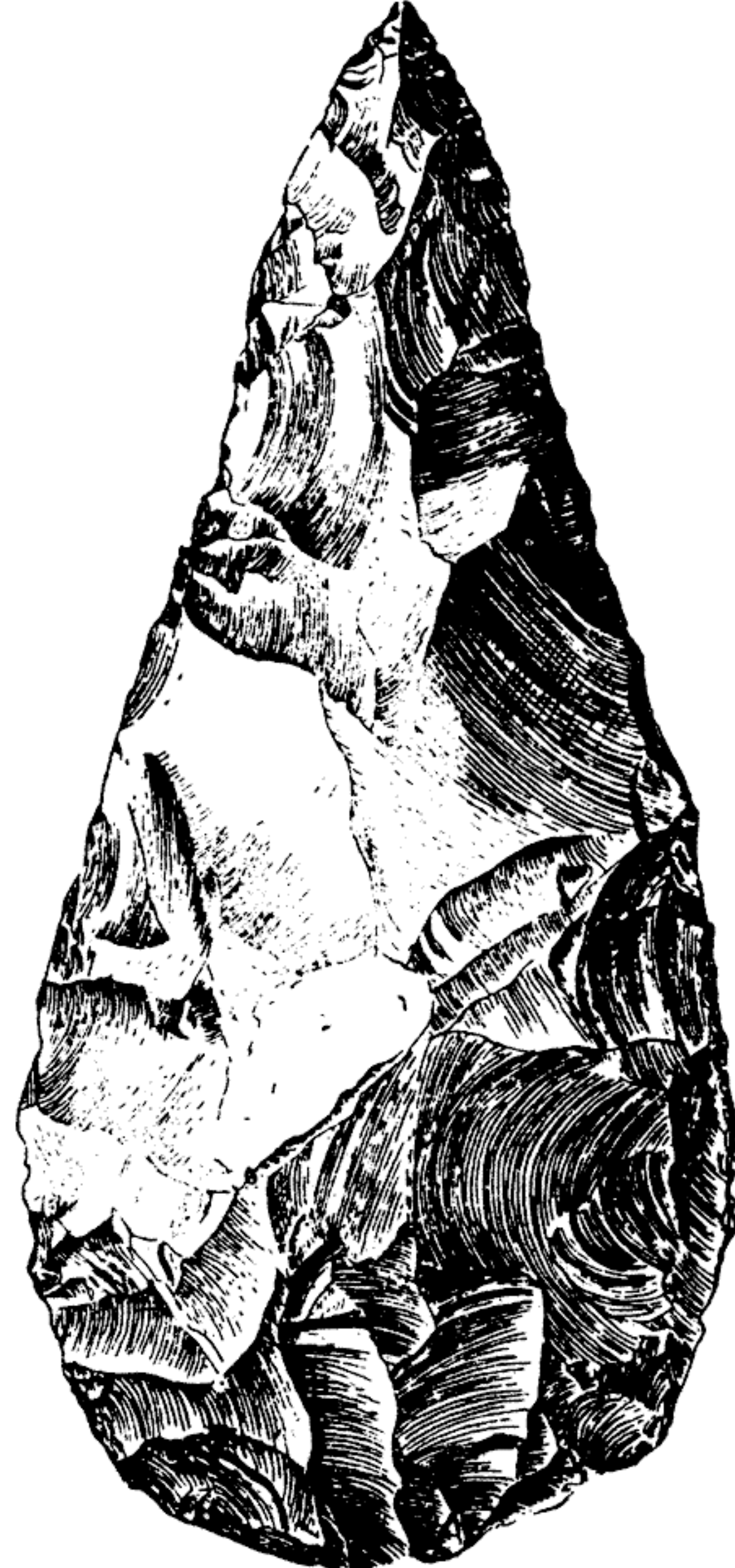
T



specialisation

ubiquity

cooperation



*“We shape our tools and thereafter
our tools shape us.”*

—John Culkin



specialisation

ubiquity

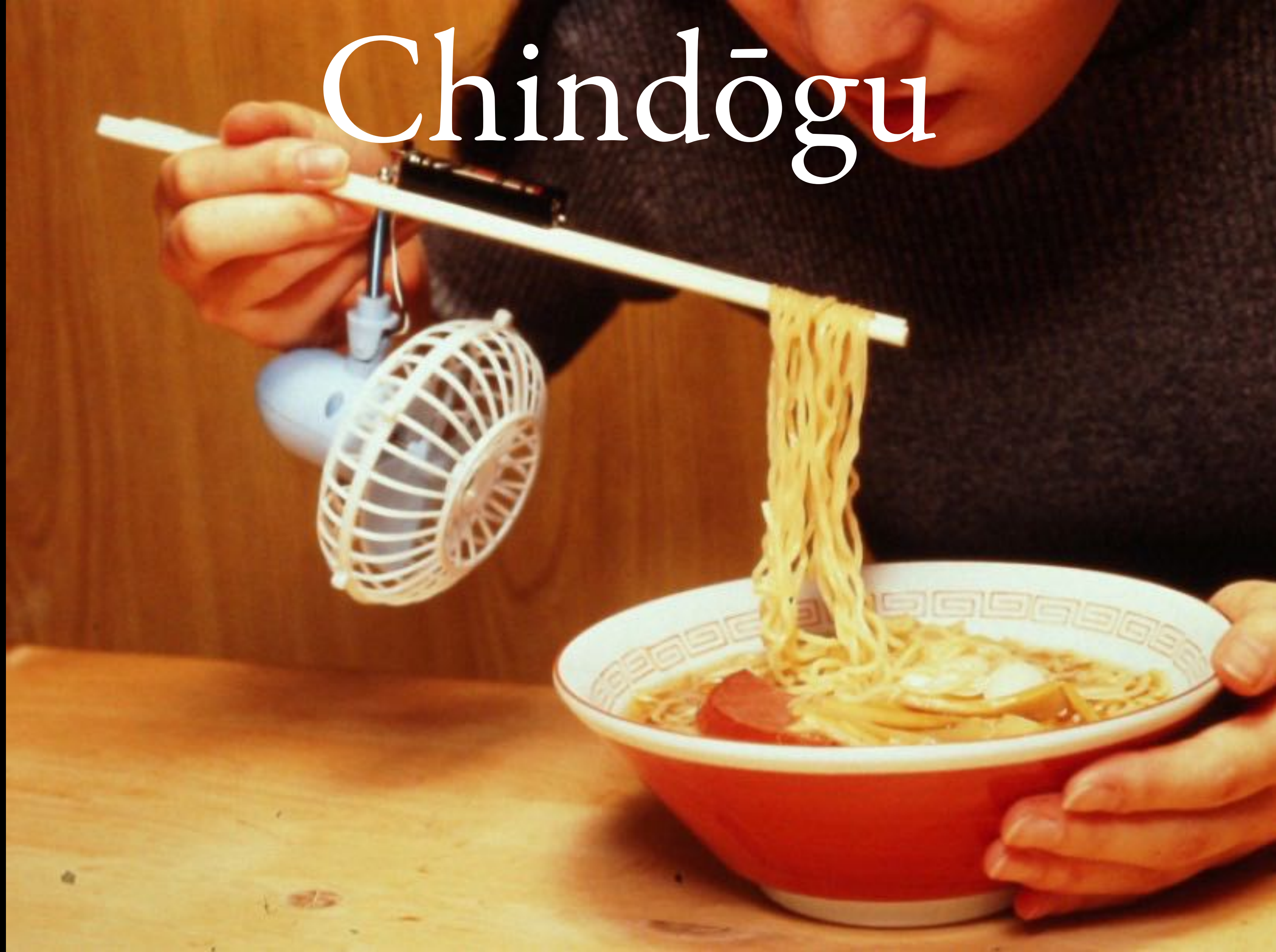
cooperation





Chindōgu

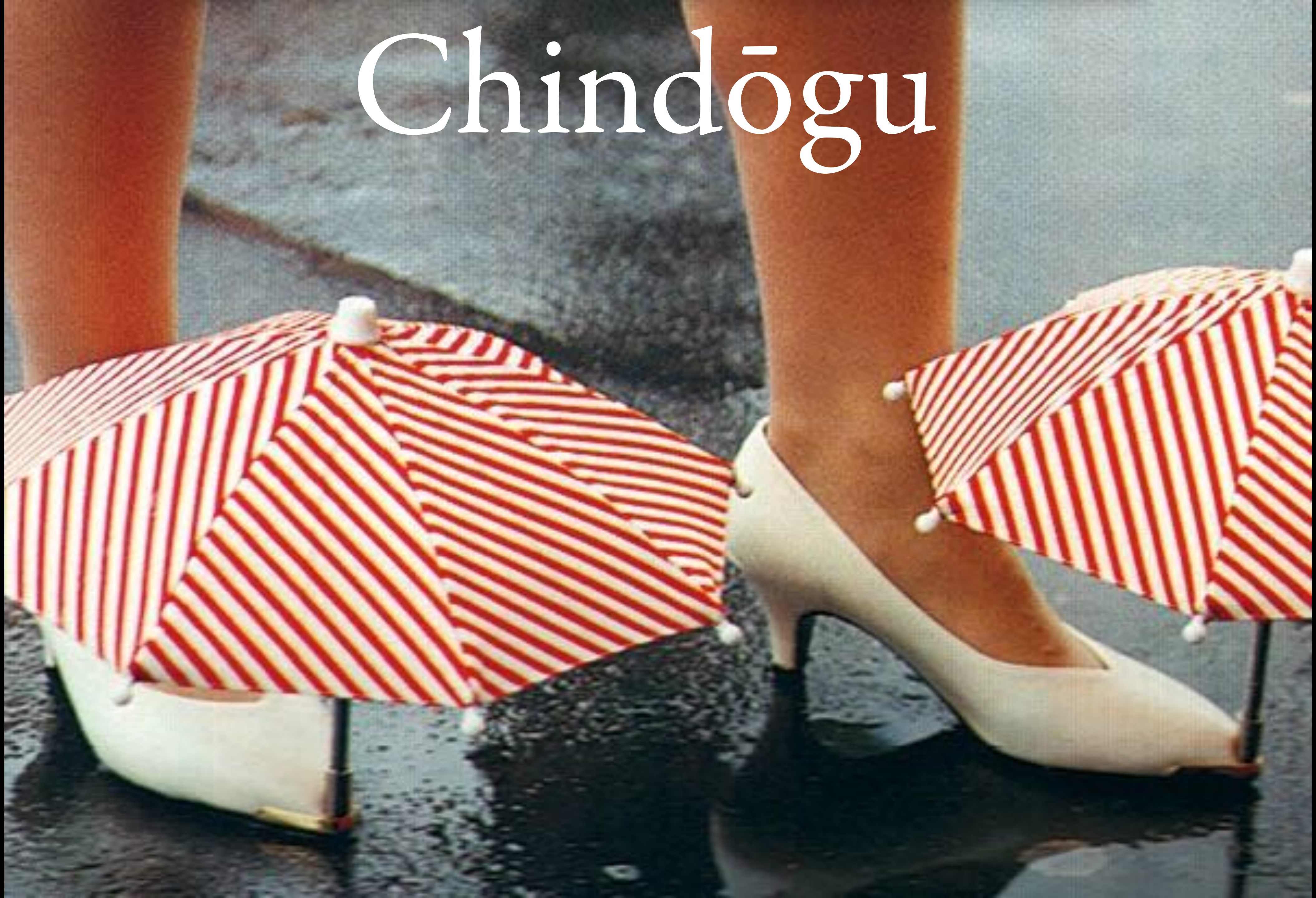
Chindōgu



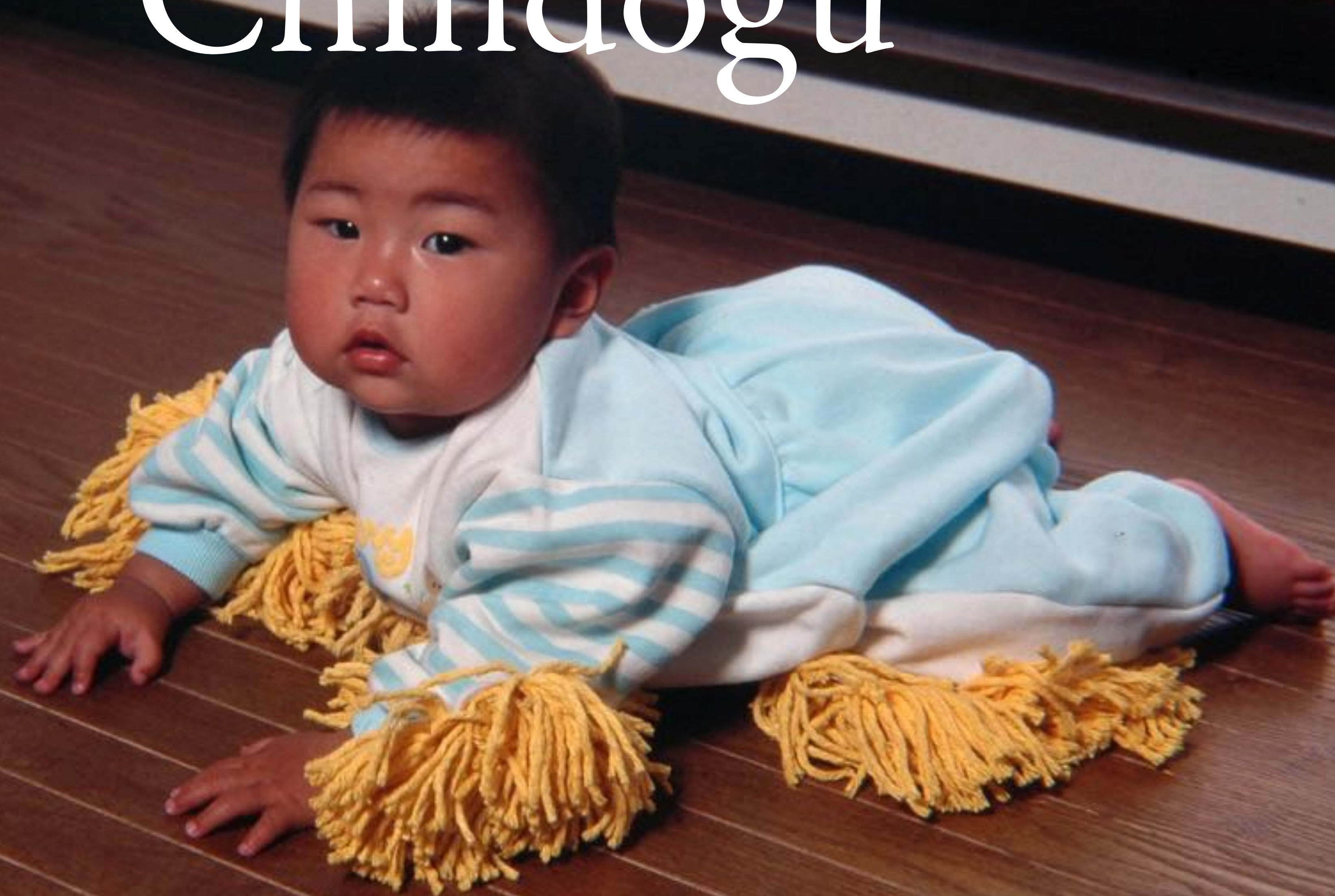
Chindōgu



Chindōgu



Chindōgu



Chindōgu



Chindōgu



*Self-Portrait Camera Stick
Do it yourself without the palaver*

If you're travelling alone or as a couple, it's hard to get pictures with you in them. It can be embarrassing to have to ask someone to take the photo for you, confusing if they don't speak your language, even costly if the third party regards your camera as a gift!

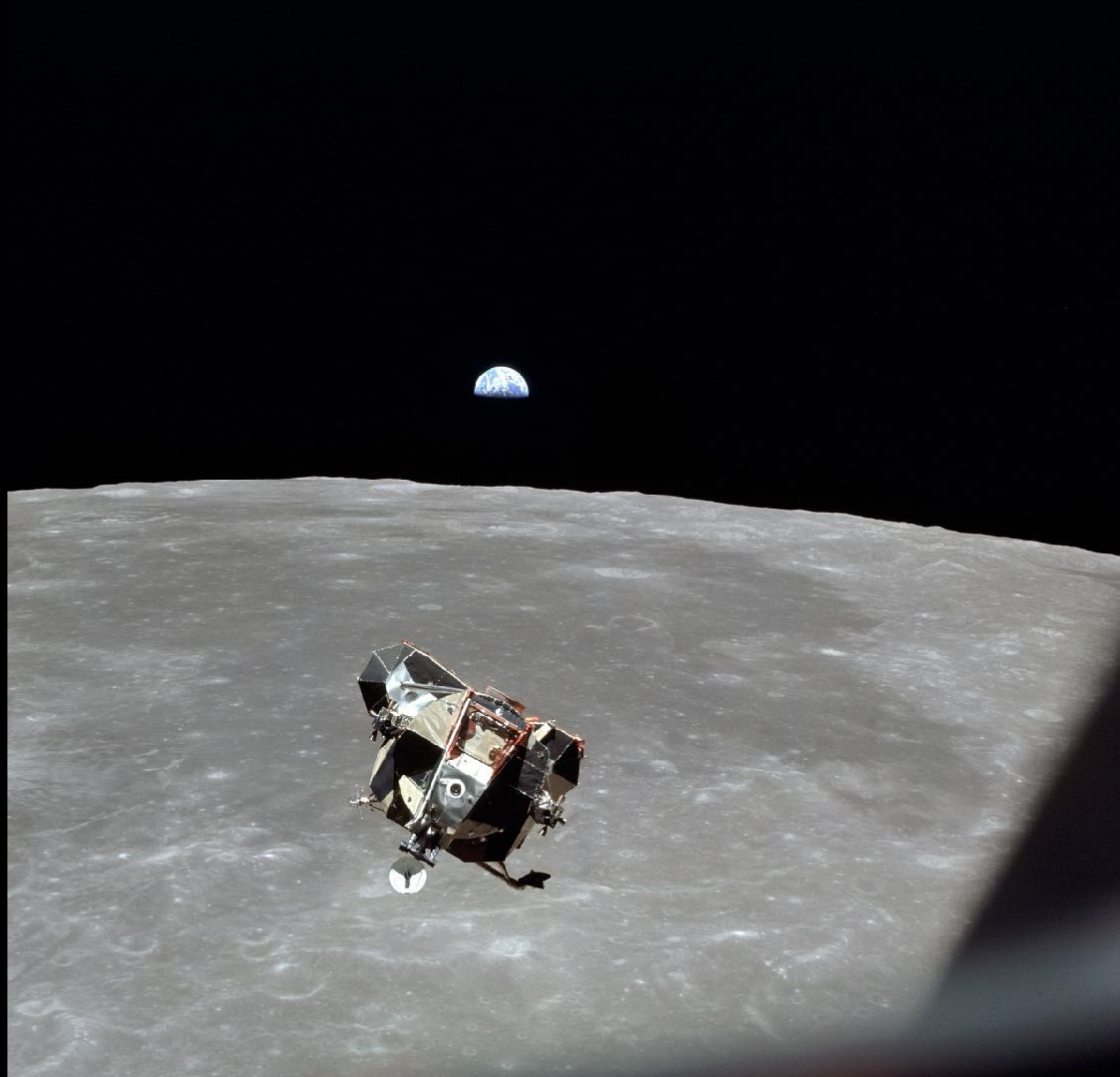
With a fifty-seven-centimetre telescoping pole your dilemma is over. Expanding to three times its length for a full shot of you, your companion and your environs, your only problem will be that all your shots will capture you in the act of holding the pole. This could become a tiresome feature of your photo album – unless you really like poles.

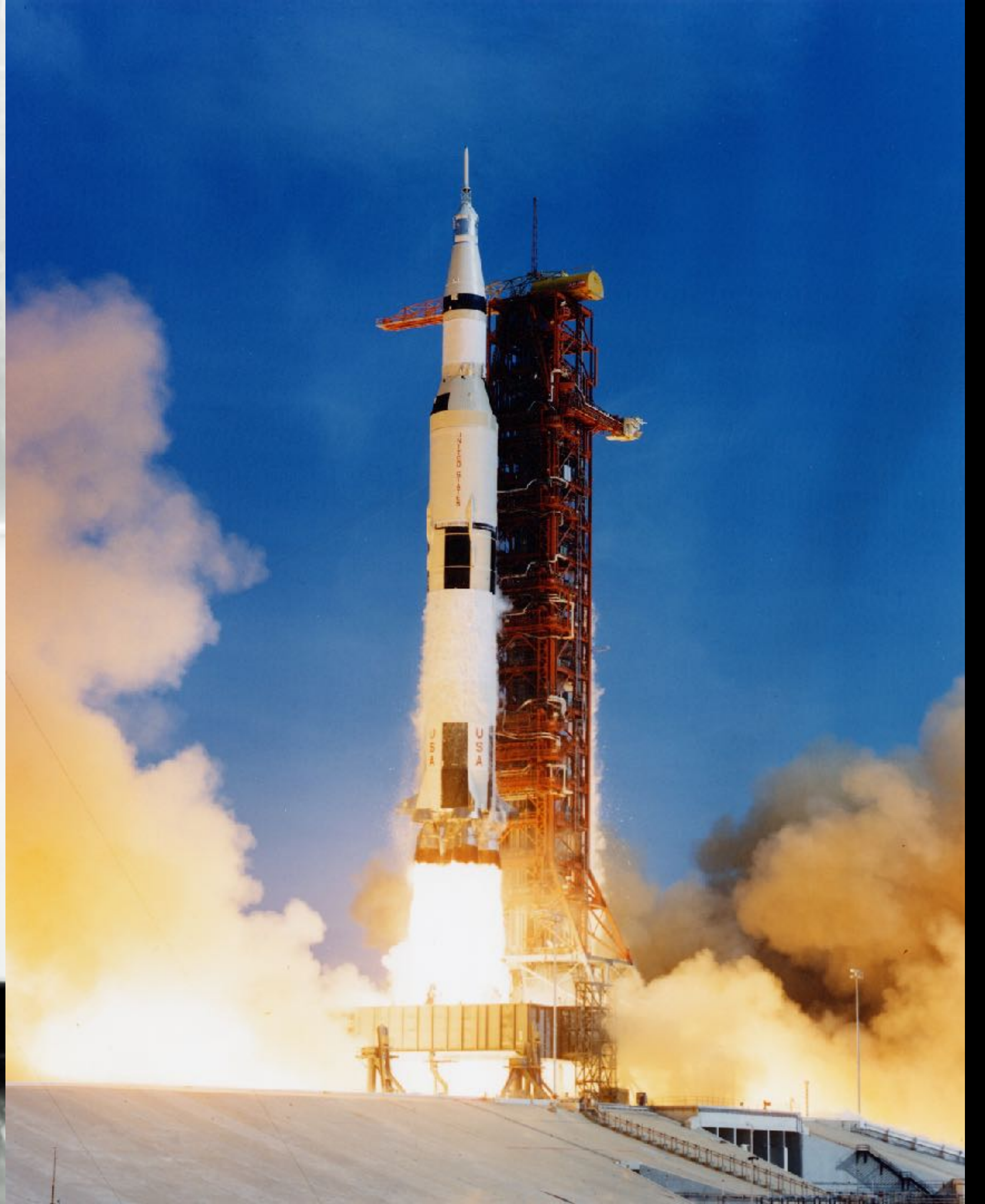


hardware

software

human



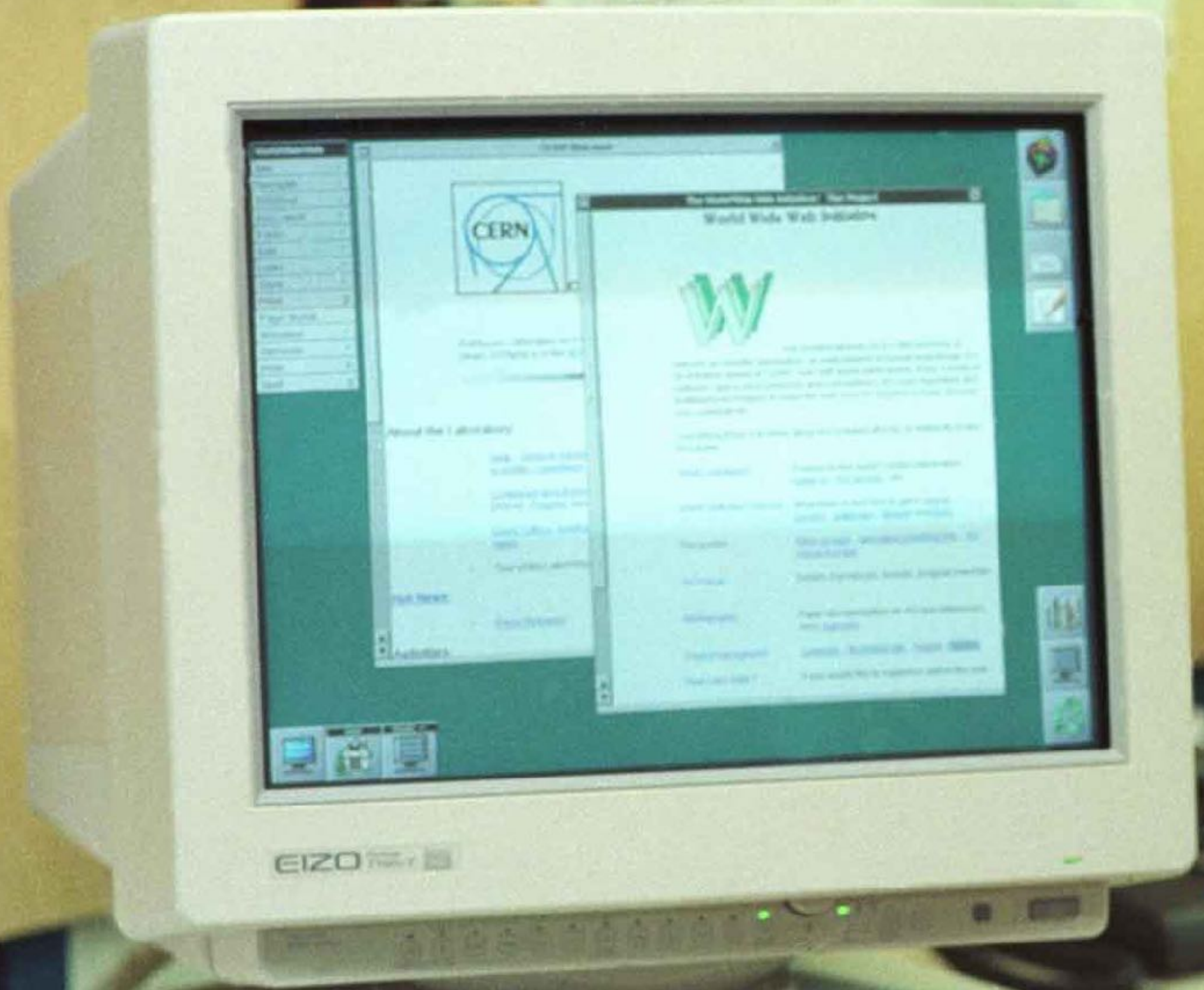


hardware

software

human

WWW



www

internet

computers

electricity

industrialisation

WWW

HTTP

URLs

HTML



“Humans are allergic to change.”

—Grace Hopper

WWW

HTTP

URLs

HTML

TCP/IP

DNS

SGML

<body>

<title>

<h1>

<p>

<h2>

<h3>

<dl>

<dt>

<dd>

SGML

<article>

<section>

<aside>

<main>

<figure>

<footer>

<header>

HTML

<canvas>

<video>

<audio>

<picture>

<datalist>

HTML

“HTML 5 document conformance requirements should be designed so that web content can degrade gracefully in older or less capable user agents, even when making use of new elements, attributes, APIs and content models.”

—HTML Design Principles

principles.adactio.com

patterns

principles

goals

<canvas>

<video>

<audio>

<picture>

<datalist>

HTML

How well does it work?

How well does it fail?

Can I use CSS shapes

[?](#) [Settings](#)






1 result found

CSS Shapes Level 1 - CR

Global 68.61%unprefixed: 56.91%

Allows geometric shapes to be set in CSS to define an area for text to flow around.

[Current aligned](#) [Usage relative](#) [Date relative](#) [Show all](#)

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			43						
			45						
			49						
			51						
		47	53						
8		48	54			7.1		4.3	
9		50	55			8.4 		4.4	
10		51	56	9.1 		9.3 		4.4.4	
11	14	52	57	10 	43	10.2 	all	53	56
	15	53	58	10.1	44				
		54	59	TP	45				
		55	60						

[Notes](#)[Known issues \(0\)](#)[Resources \(9\)](#)[Feedback](#)



Jeremy Keith

Making [websites](#). Writing [books](#).

Speaking at [conferences](#). Living in [Brighton](#).

Working at [Clearleft](#). Playing [music](#).

Taking [photos](#). Answering [email](#).

Journal

2325



Articles

64



Links

6060



Notes

2522





Jeremy Keith

Making [websites](#). Writing [books](#).
Speaking at [conferences](#).
Living in [Brighton](#). Working at [Clearleft](#).
Playing [music](#). Taking [photos](#).
Answering [email](#).

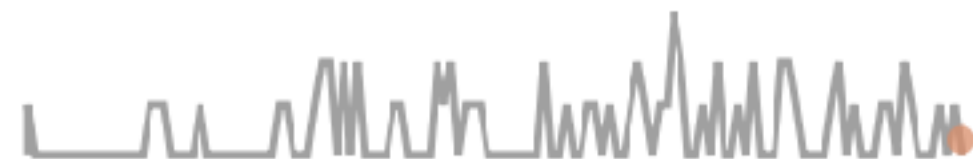
Journal

2325



Articles

64



Links

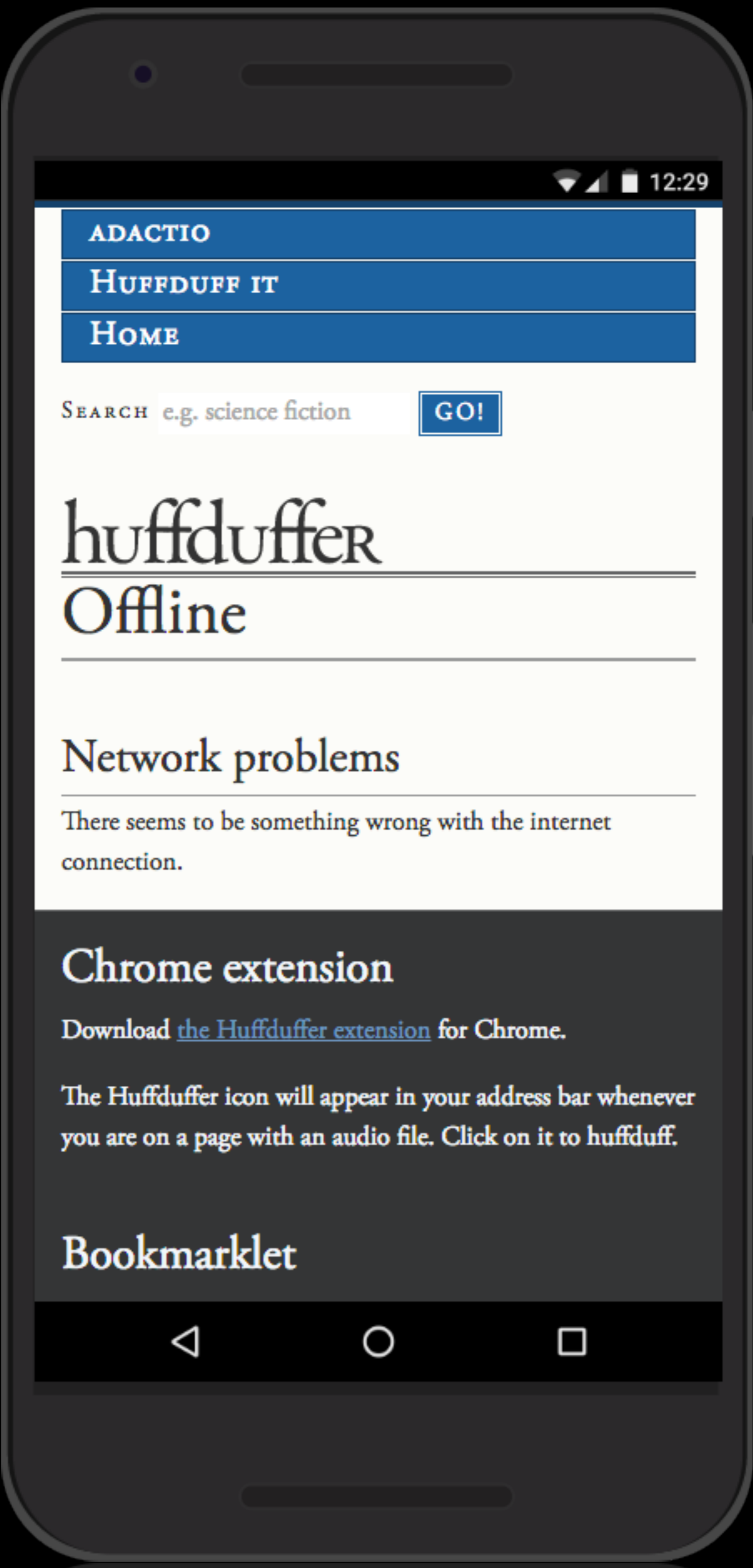
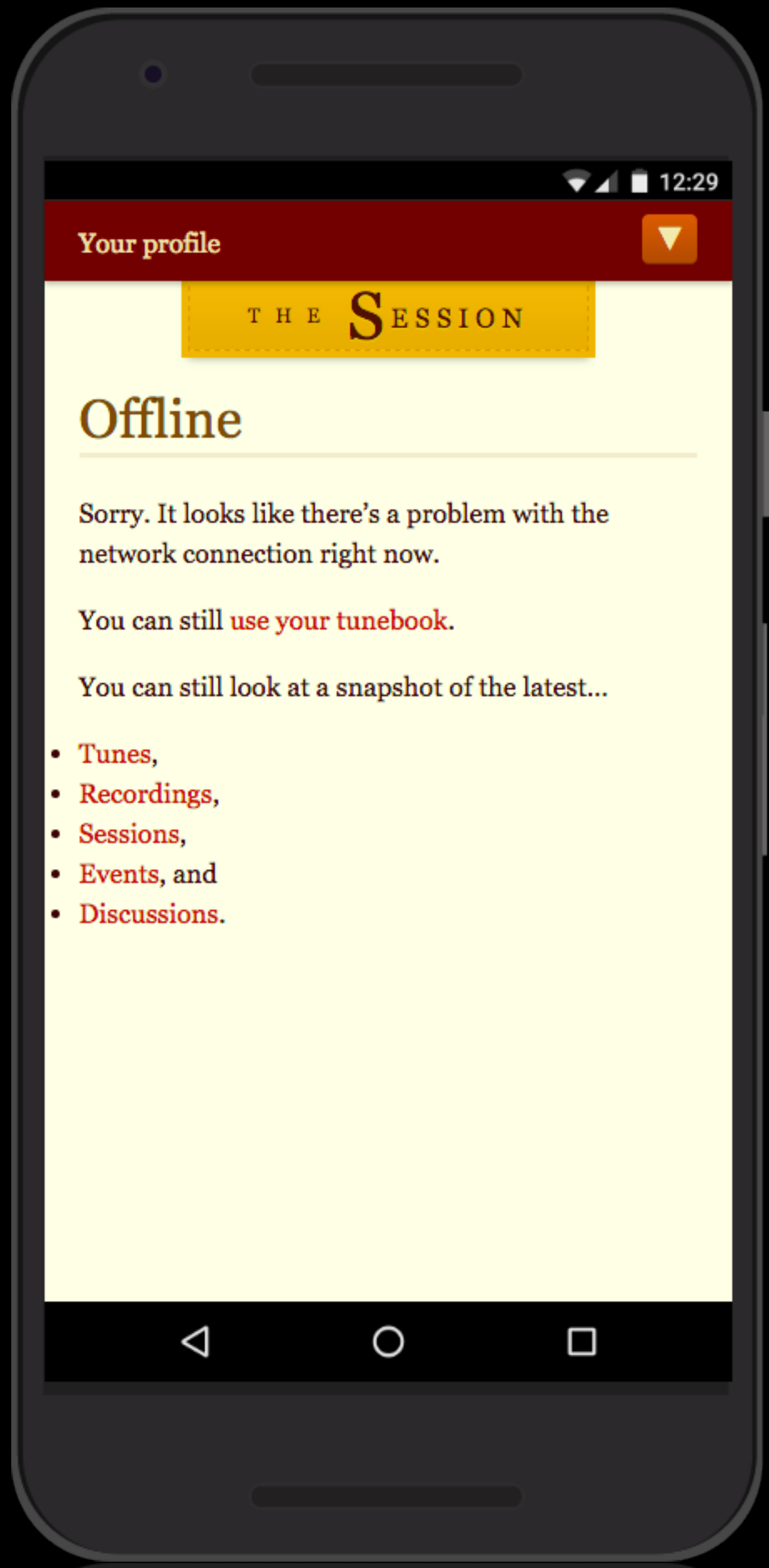
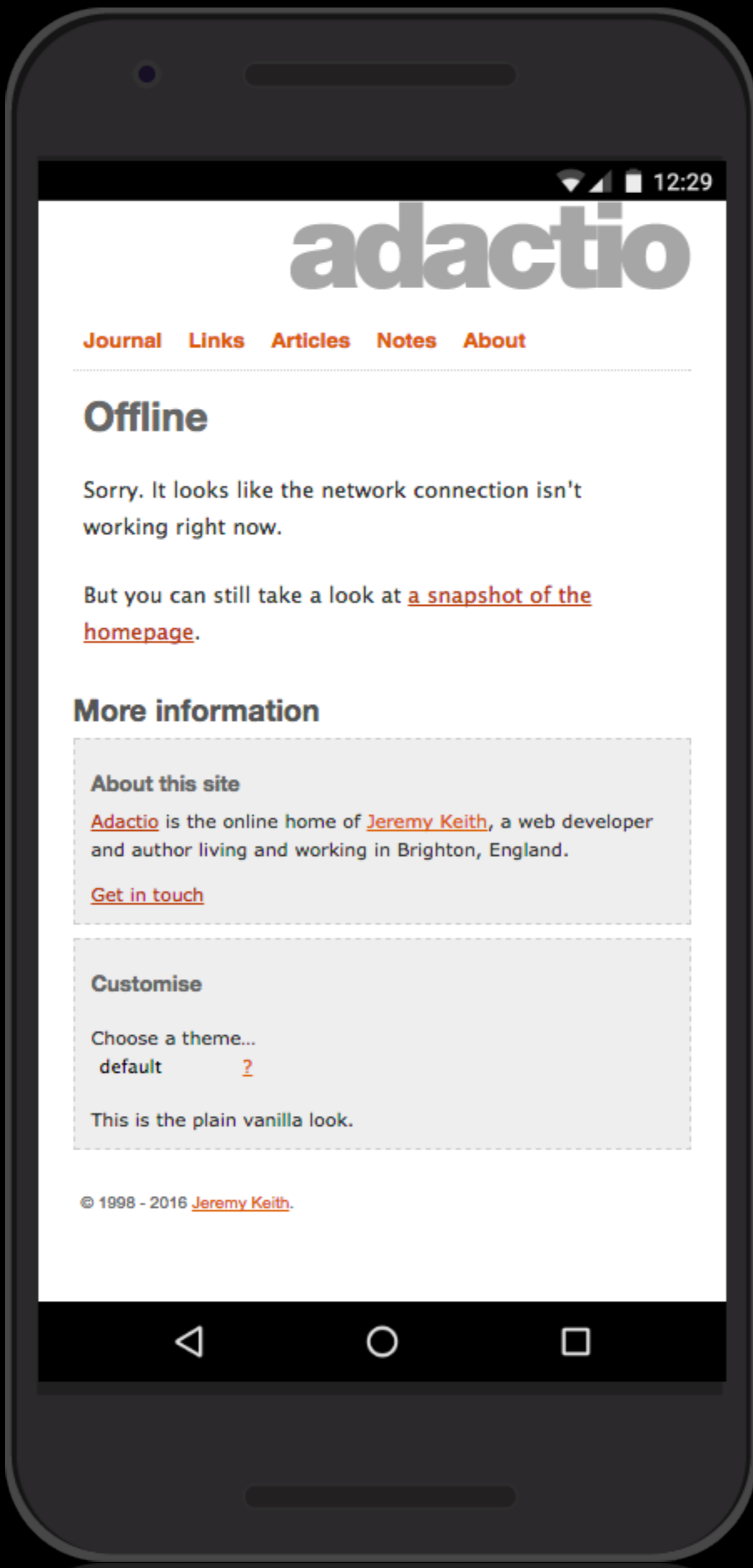
6060



Notes



service workers



How well does it work?

Can I use service workers

[? Settings](#)

1 result found

Service Workers - WD

Global

0% + 62.8% = 62.8%

Method that enables applications to take advantage of persistent background processing, including hooks to enable bootstrapping of web applications while offline.

[Current aligned](#) [Usage relative](#) [Date relative](#) [Show all](#)

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			43						
			45						
			49						
			51						
		47	53						
8		48	54			7.1		4.3	
9		50	55			8.4		4.4	
10		51	56	9.1		9.3		4.4.4	
11	14	52	57	10	43	10.2	all	53	56
	15	53	58	10.1	44				
		54	59	TP	45				
		55	60						

[Notes](#)[Known issues \(0\)](#)[Resources \(8\)](#)[Feedback](#)

How well does it fail?

custom elements

web components

shadow DOM

<canvas>

<video>

<audio>

<picture>

<datalist>

HTML

<mega-menu>

<slippy-map>

<image-gallery>

<modal-lightbox>

<off-canvas>

<mega-menu>

**<link rel="import"
href="mega-menu.html">**



How well does it work?

Can I use custom elements v1 ? [Settings](#)

1 result found

#

Custom Elements v1 - LS

Global

26.1% + 23.73% = 49.84%

Method of defining new HTML tags.

[Current aligned](#)
[Usage relative](#)
[Date relative](#)
[Show all](#)

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			43						
			45						
			49						
			51						
		47	53						
8		48	54			7.1		4.3	
9		50	55			8.4		4.4	
10		51	56	9.1		9.3		4.4.4	
11	14	52	57	10	43	10.2	all	53	56
	15	53	58	10.1	44				
		54	59	TP	45				
		55	60						

[Notes](#)[Known issues \(0\)](#)[Resources \(10\)](#)[Feedback](#)

Chrome 36+/Opera 20+ implemented a previous version of Custom Elements (v0) that used `.registerElement()`. Other browsers are implementing v1,

How well does it fail?

<image-gallery>

</image-gallery>

<image-gallery>

</image-gallery>

```
<body>  
  <shop-app>  
  </shop-app>  
  <script>...</script>  
</body>
```

shop.polymer-project.org

service workers

web components

the extensible web

ajax

responsive web design

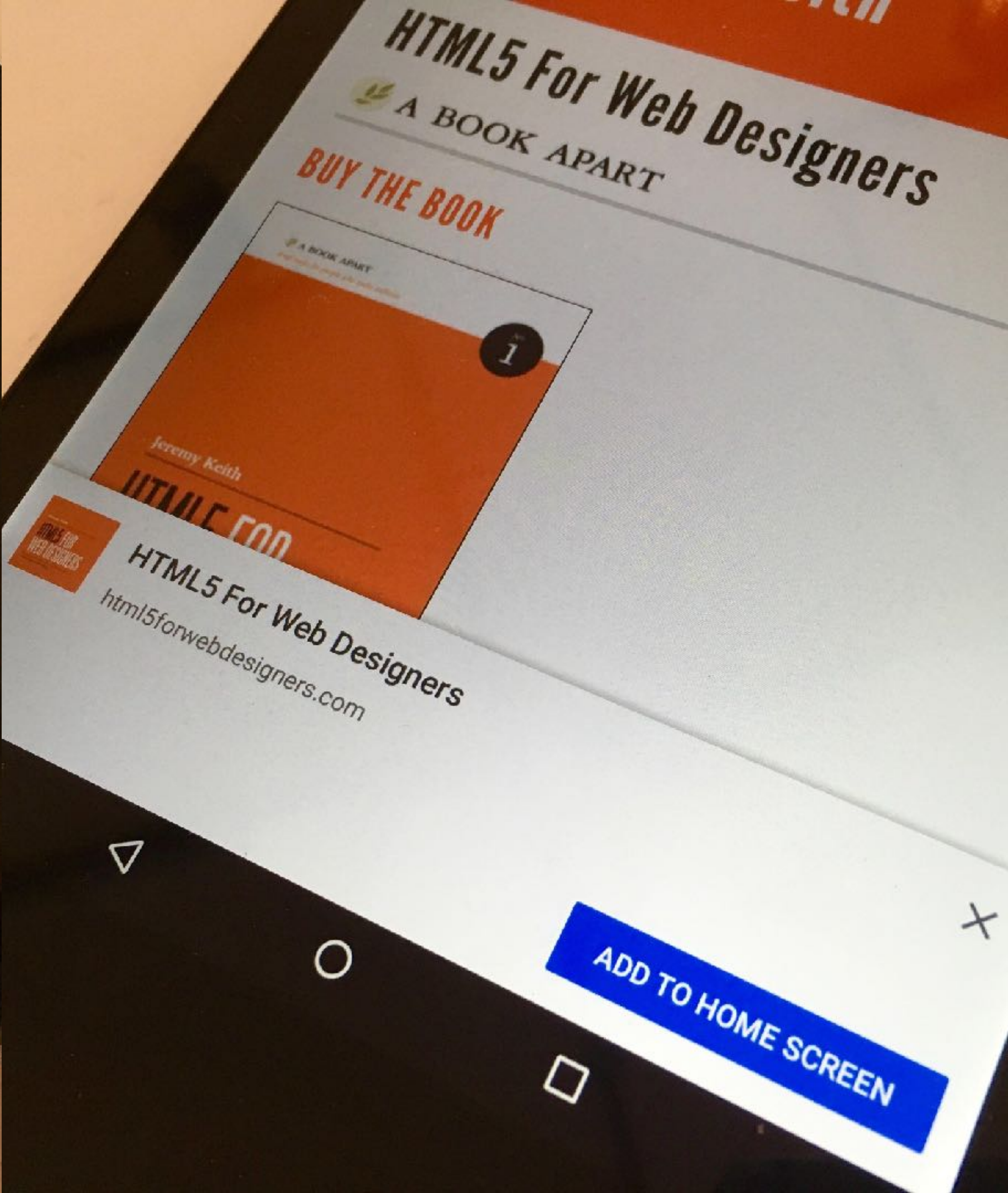
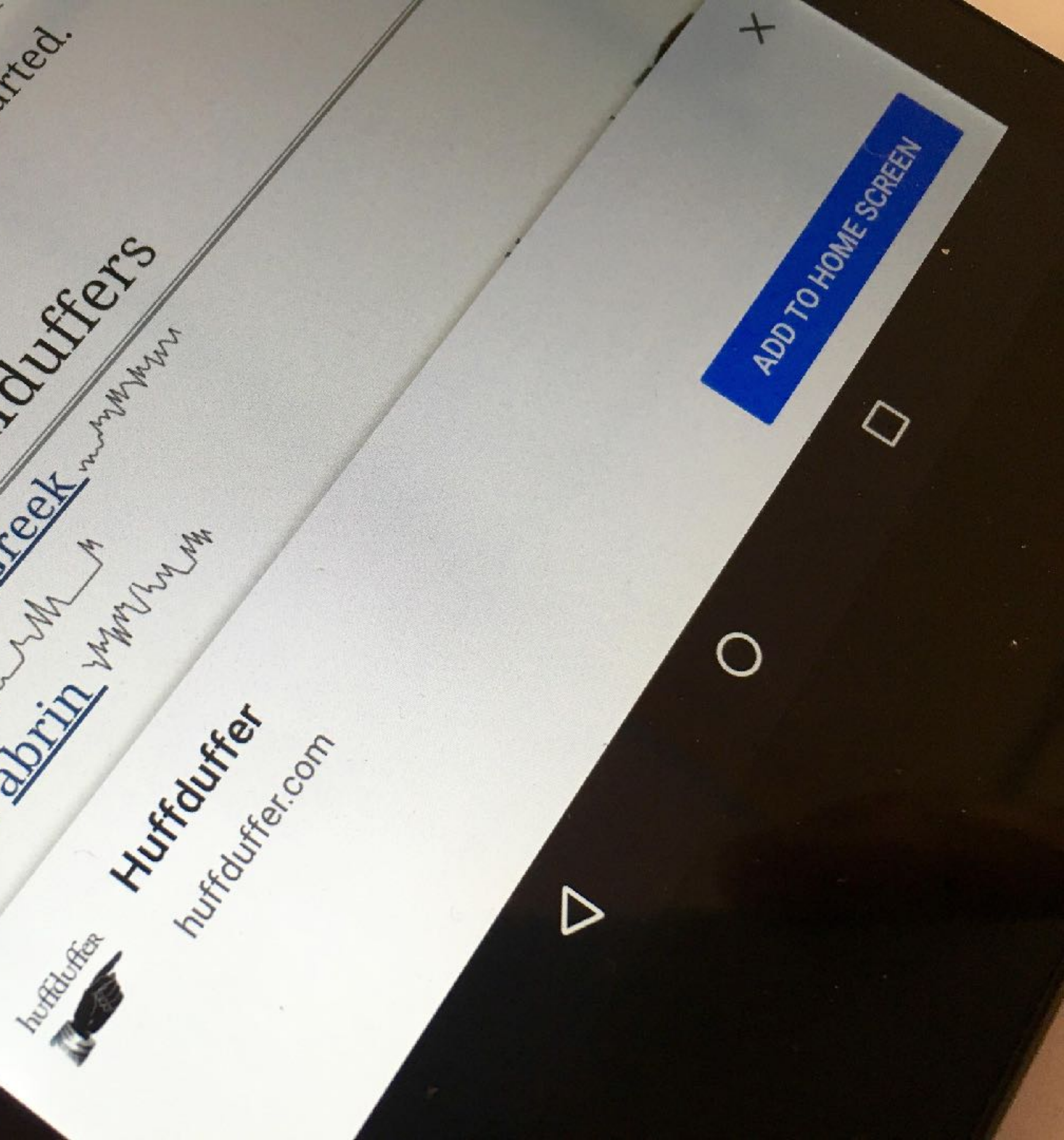
progressive web app

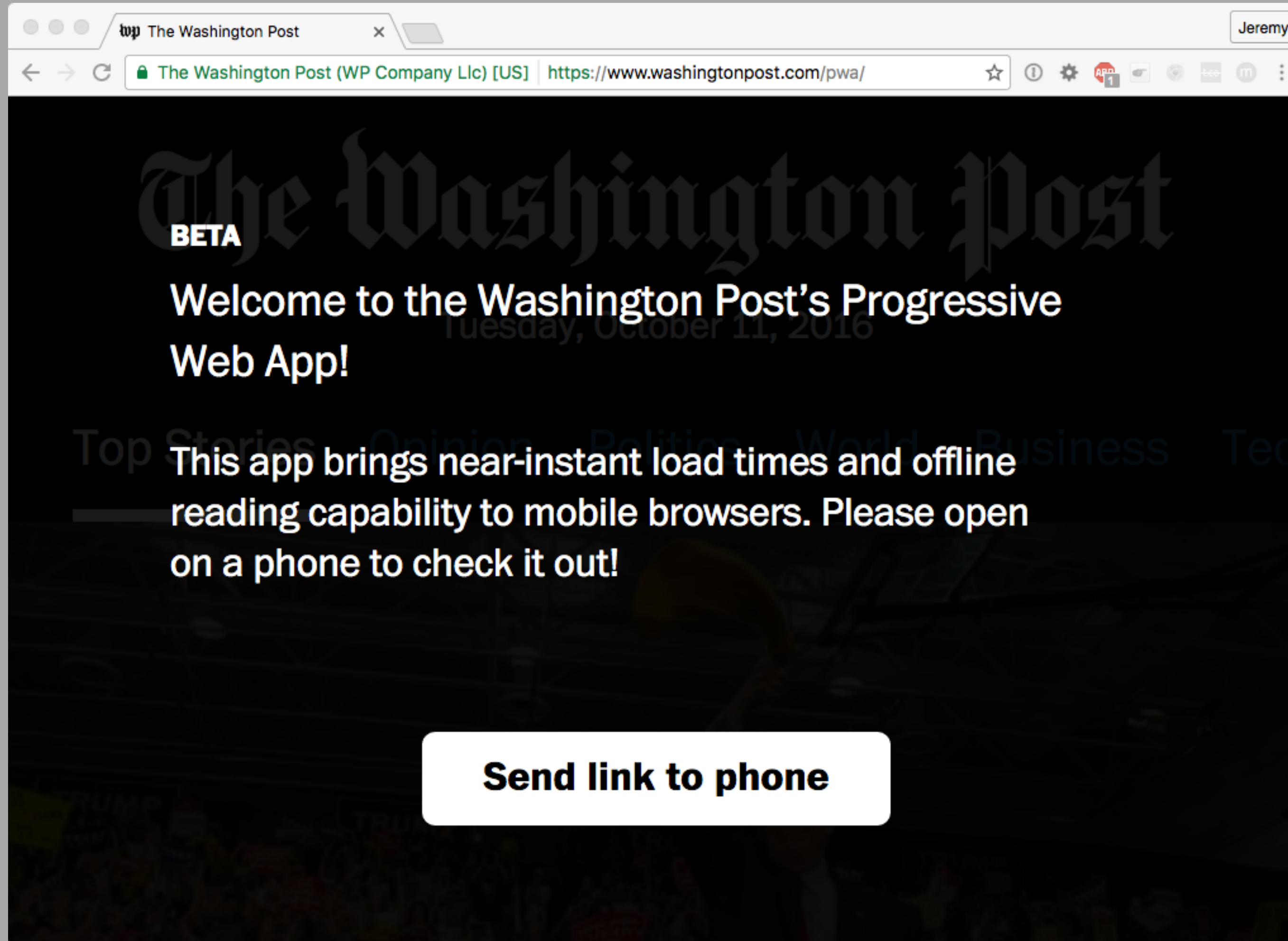
HTTPS

+ service worker

+ manifest file

= progressive web app



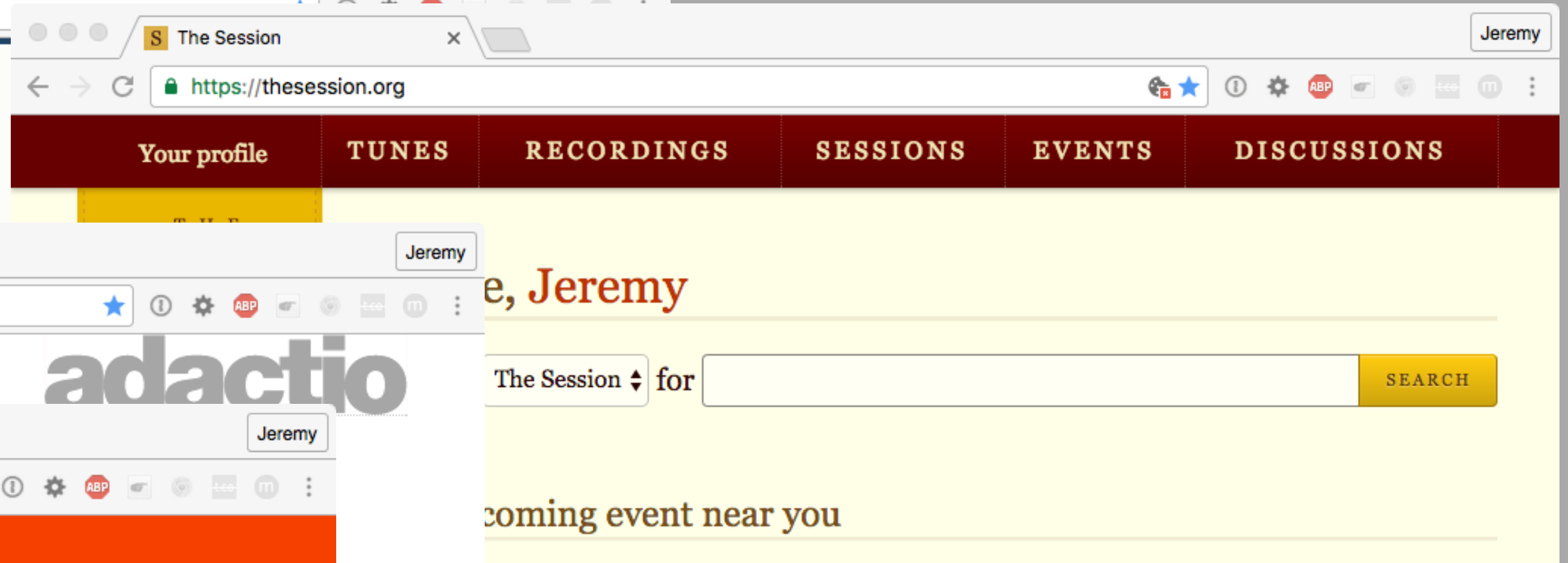
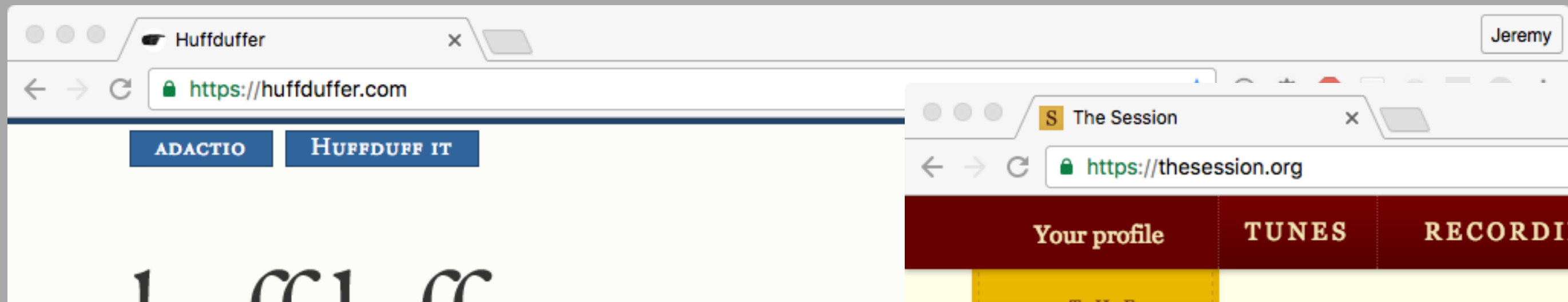


BETA

Welcome to the Washington Post's Progressive Web App!

This app brings near-instant load times and offline reading capability to mobile browsers. Please open on a phone to check it out!

Send link to phone

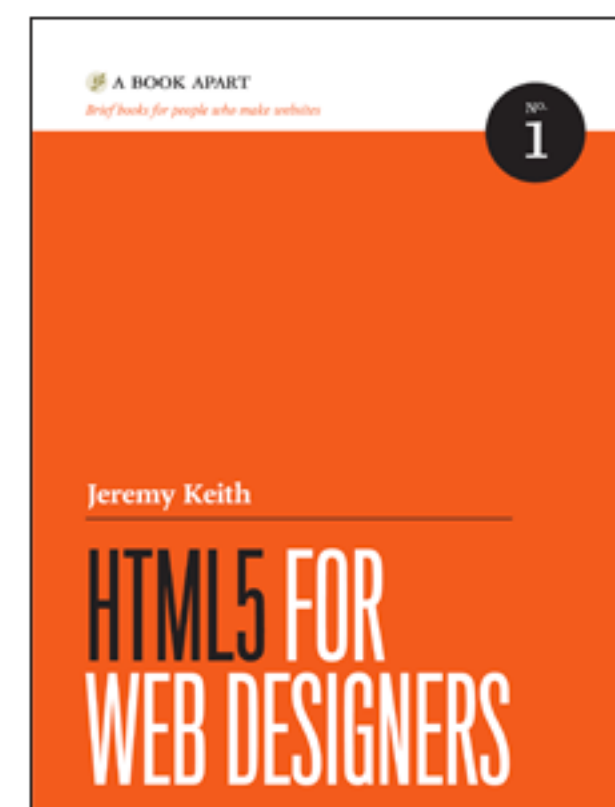


HTML5 For Web Designers by Jeremy Keith

HTML5 For Web Designers

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TABLE OF CONTENTS

- 1. A Brief History of the Web
- 2. The Web as a Medium
- 3. Rich Media
- 4. Web Standards
- 5. Semantic Markup
- 6. Using HTML5
- Index

Design Principles

Categories People • Organisations • Formats • Software • Hardware

The Robustness Principle

☞ Be conservative in what you send; be liberal in what you accept.

The Pareto Principle

☞ 80% of the effects come from 20% of the causes.

The Principle of Least Surprise

☞ When two elements of an interface conflict, or are ambiguous, the behaviour should be that which will least surprise the user.

The DRY Principle

☞ Every piece of knowledge must have a single, unambiguous, authoritative representation

Who benefits?

developers

users

sass

less

git

gulp

npm

jQuery

bootstrap

angular

react

ember

What are the assumptions?

“Software, like all technologies, is inherently political. Code inevitably reflects the choices, biases and desires of its creators.”

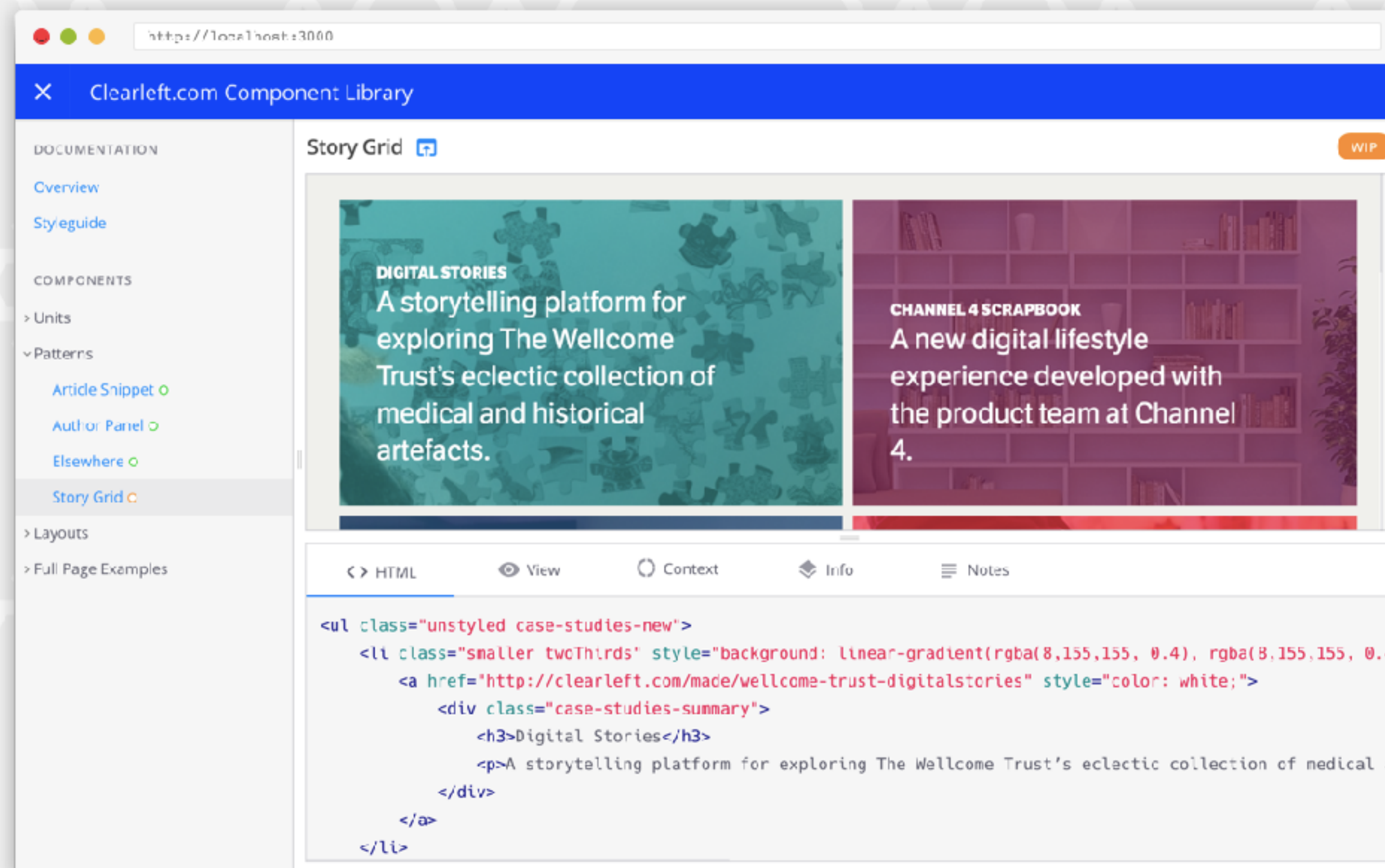
—Jamais Cascio



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A Clearleft project.

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“The street finds its own uses for things.”

—William Gibson
Burning Chrome

Aug. 11, 1942.

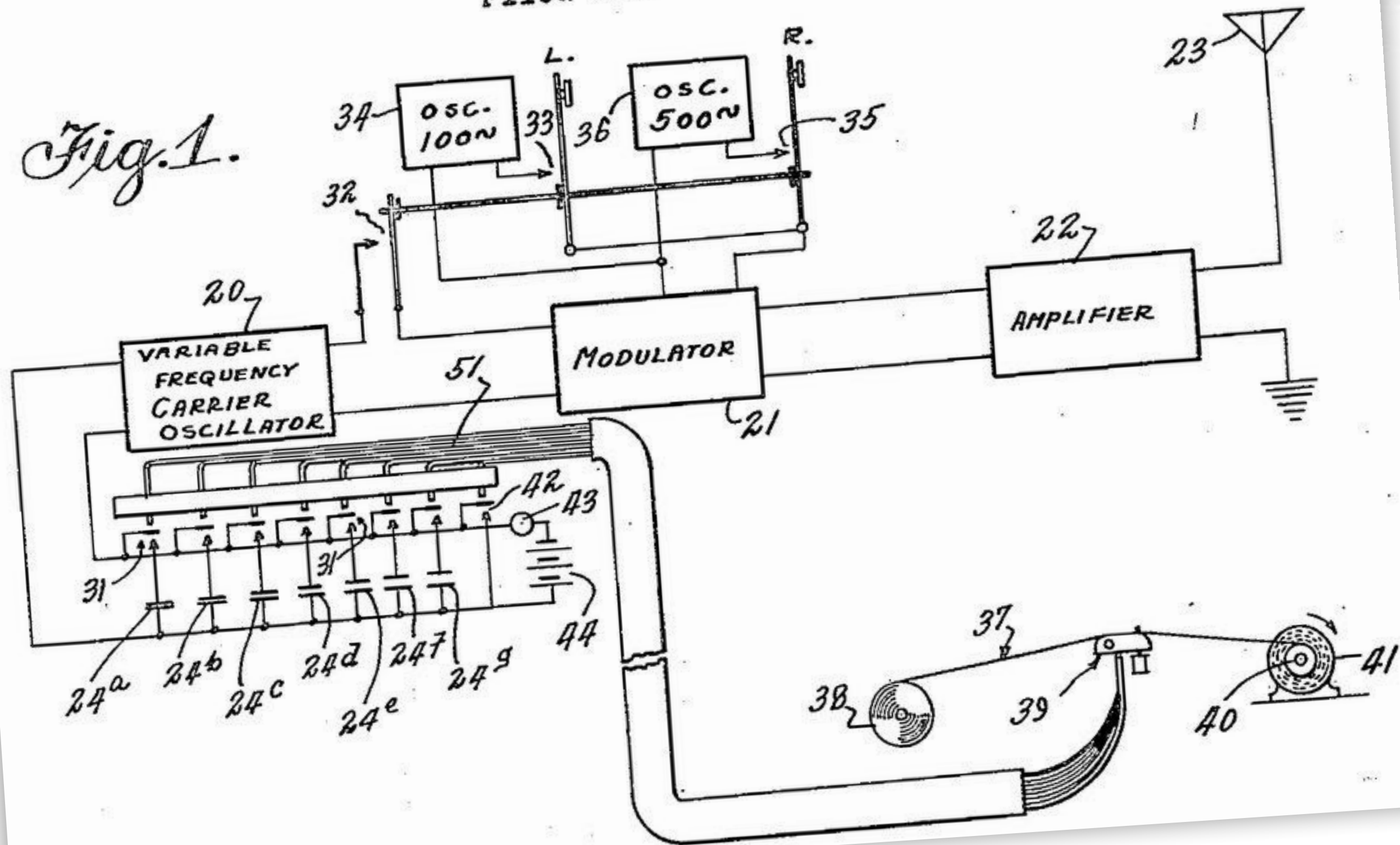
H. K. MARKEY ET AL
SECRET COMMUNICATION SYSTEM

Filed June 10, 1941

2,292,387

2 Sheets-Sheet 1

Fig. 1.



*“Technology is neither good nor bad;
nor is it neutral.”*

—Melvin Kranzberg



**IT'S THE FUTURE.
TAKE IT.**



**IT'S THE FUTURE.
TAKE IT.**



The Inevitable

What Technology Wants

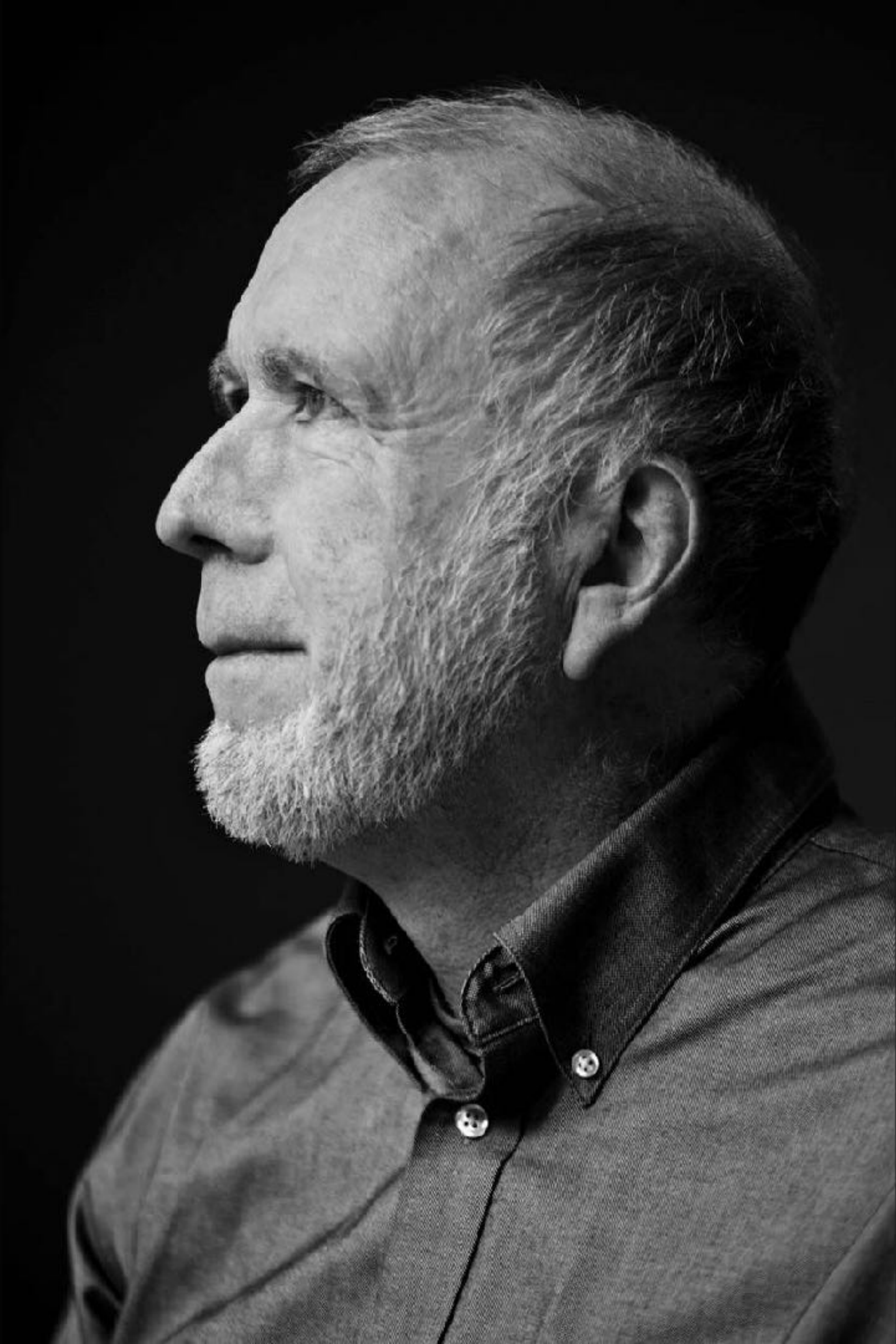


amish-ish

“The Amish have the undeserved reputation of being luddites, of people who refuse to employ new technology. The Amish are steadily adopting technology — at their pace. They are slow geeks.”

—Kevin Kelly





How well does it work?

How well does it fail?

Who benefits?

What are the assumptions?





Thank you