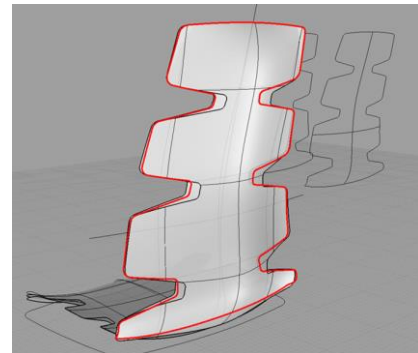
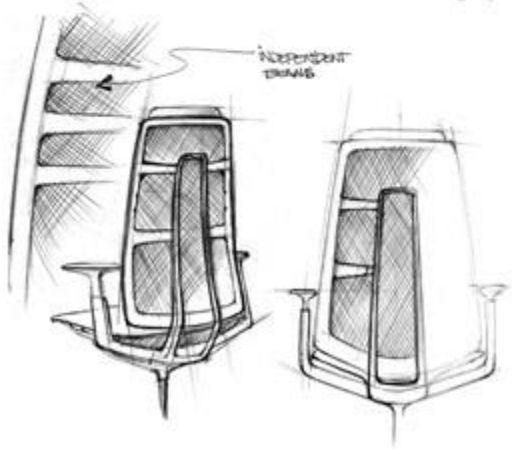
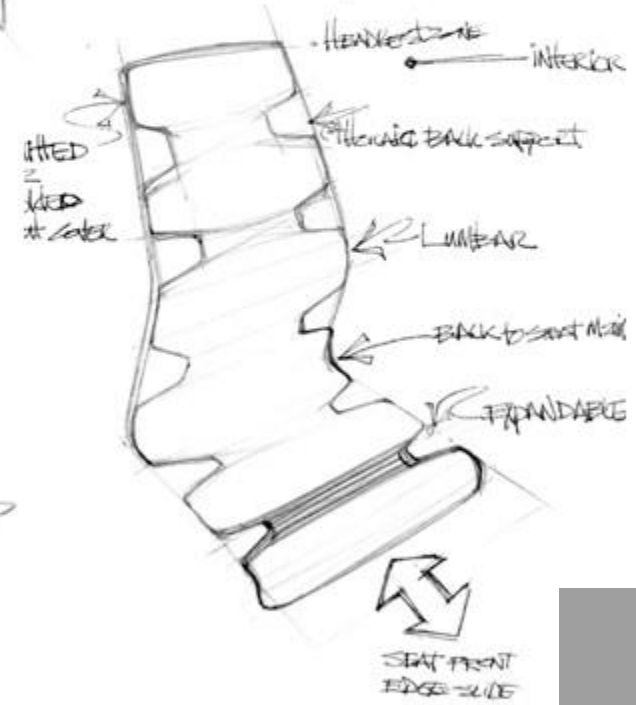
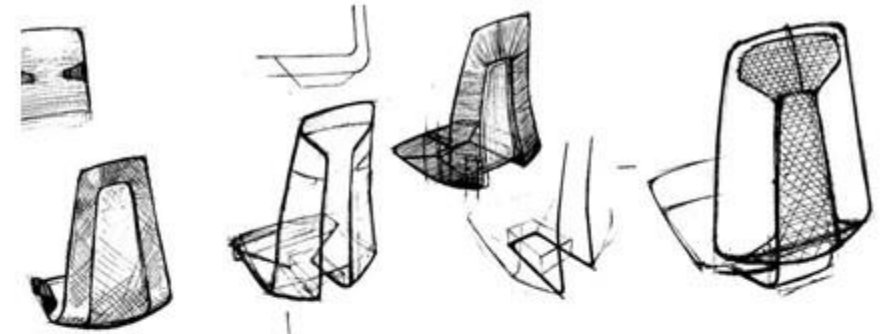
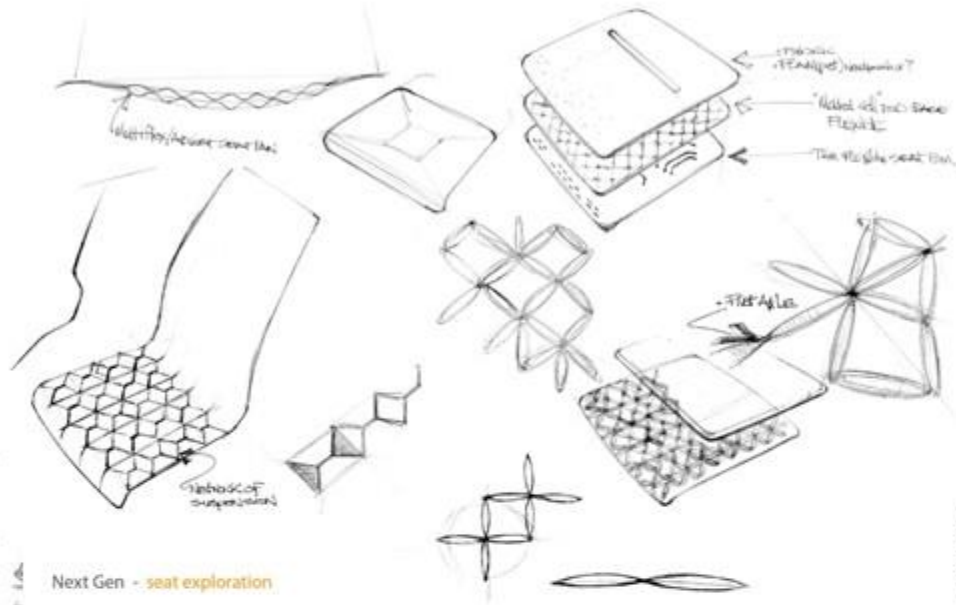


Next Gen - seat exploration

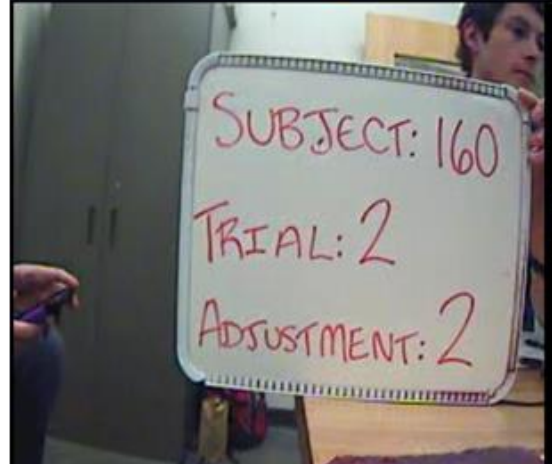
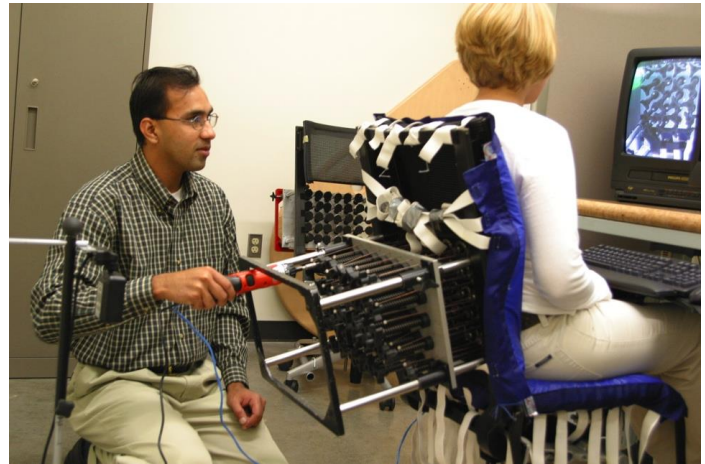
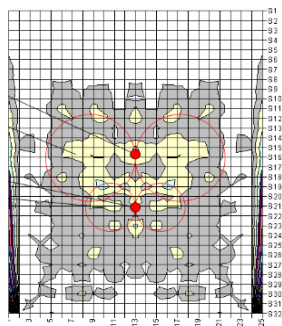
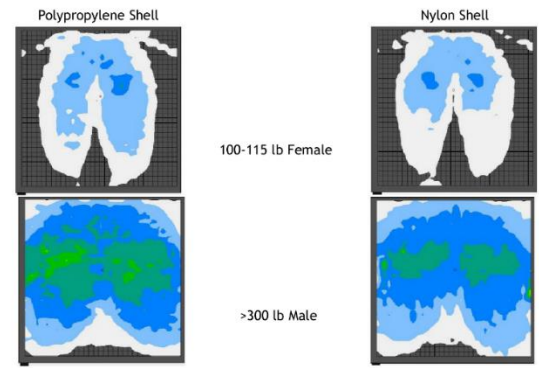


- flexible back & seat concept

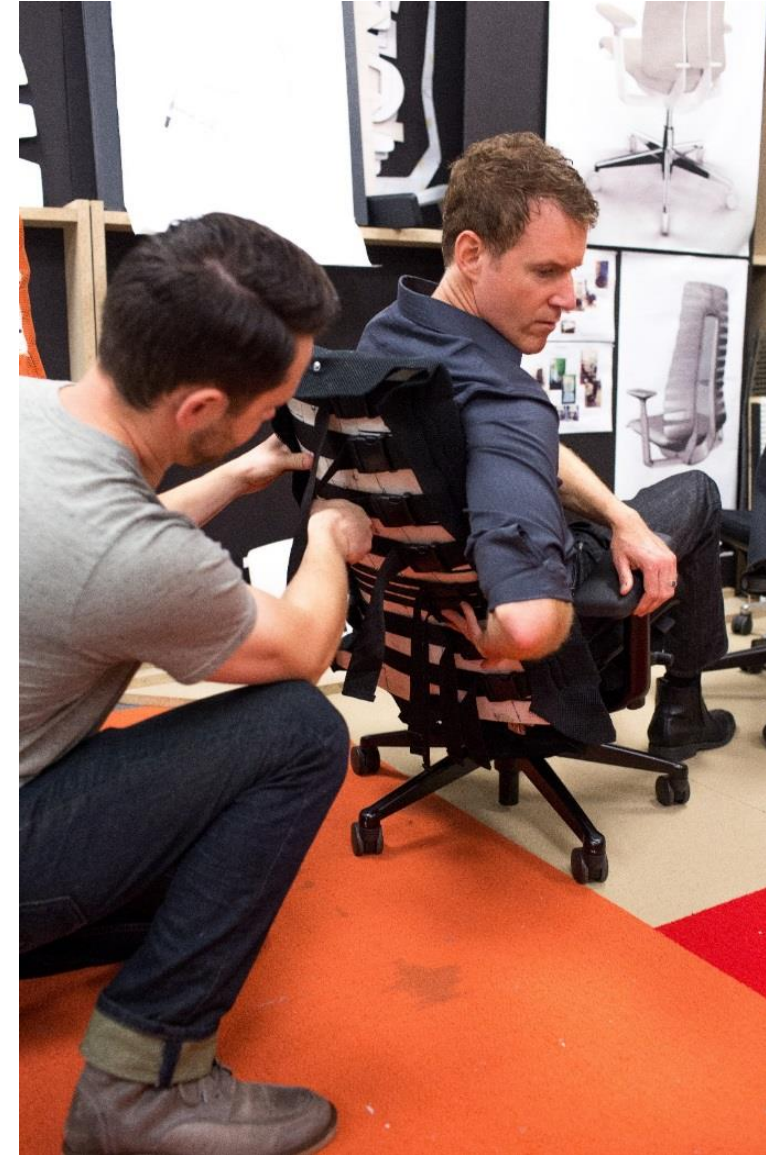
- flexing back fern blades



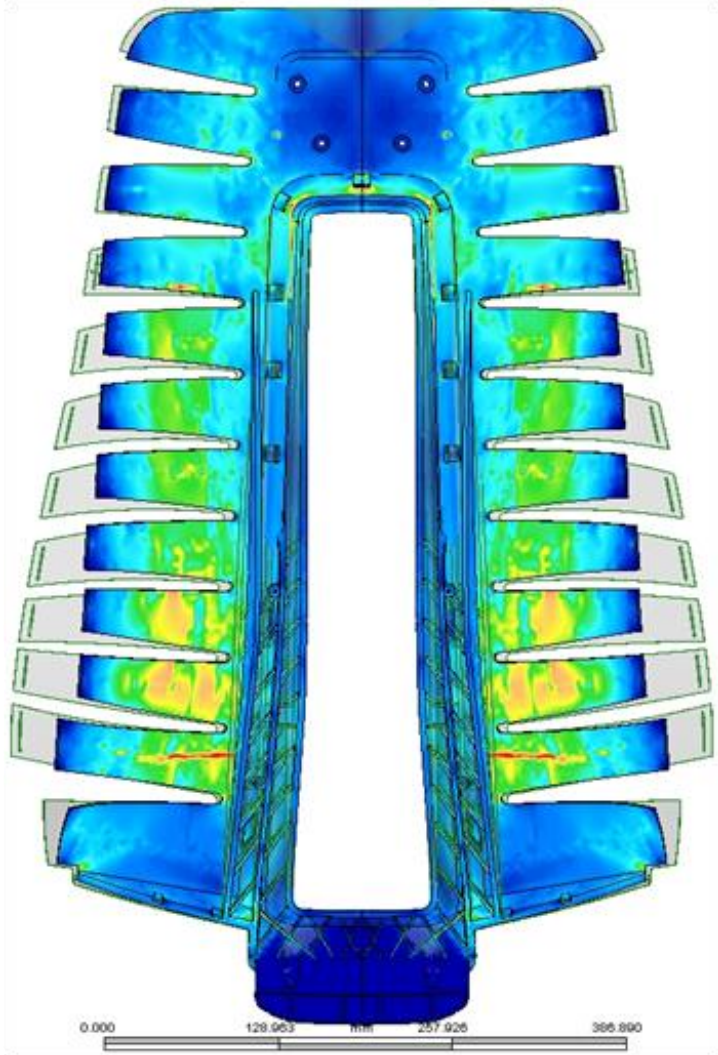
Comfort and pressure mapping research



Early "experience prototypes"



"Wave suspension back" early development



Fern concept prototypes

Fern con ①

- independent Pods/flexing seat

Fern con ②

- Single flexing back Pod/flexing/rolling seat

Fern con ③

-flexing back w/ adj support Thoracic support con 1

Fern con ④

-Mesh flexing back Thoracic support con 2

Fern con ⑤

-multi flexing segmented back

-Front sliding seat concept

Fern con ⑥

-Latest back curve with tension 3D knit -multi flexing segmented Back /passive thoracic

Fern con ⑦

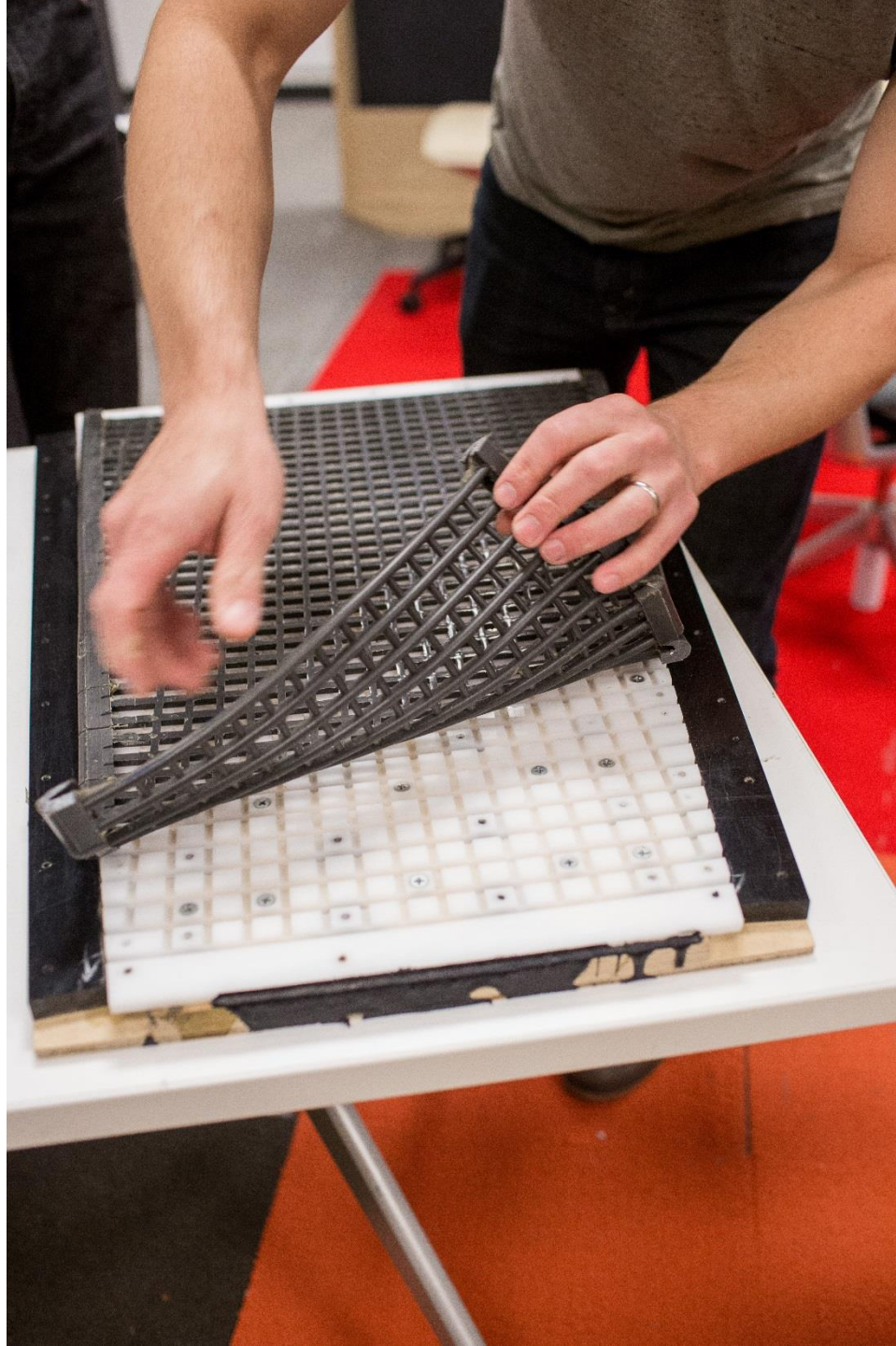
-Latest back curve w/ fixed thoracic -Multi & zone flex -Segmented Back -Edge spines

*

Comfort curve development with early prototypes



Cradle "suspension mesh" prototyping





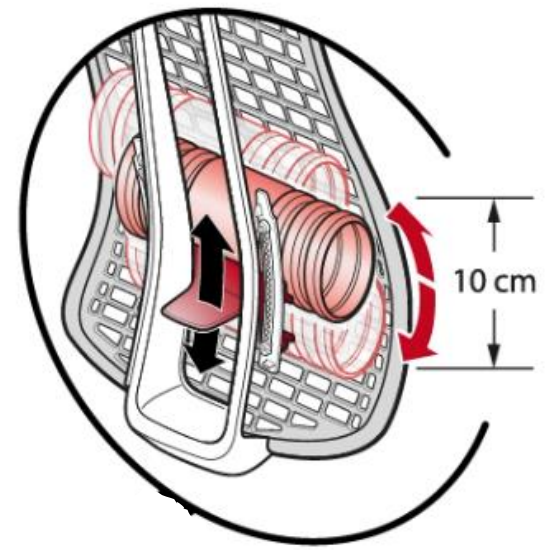
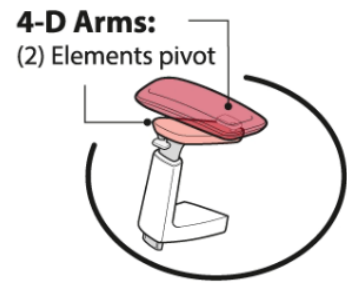
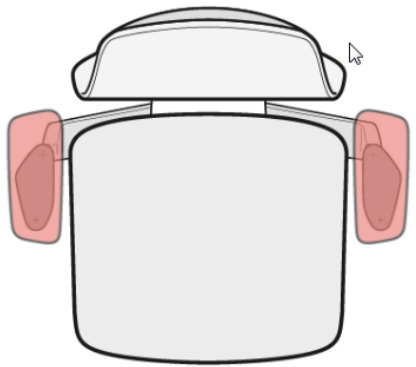
(37)

Suspension mesh
iterations



Chair back anatomy



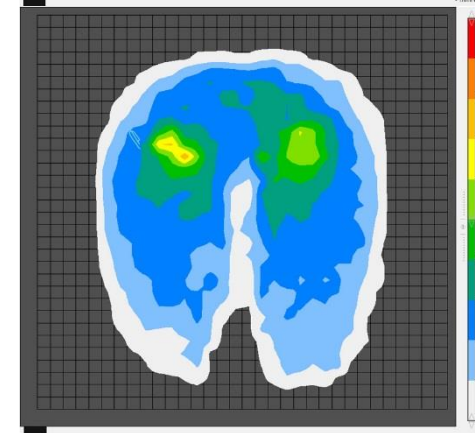
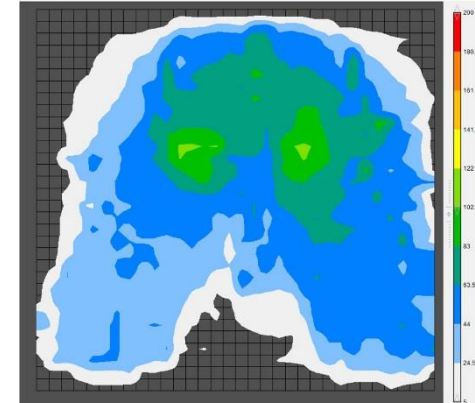
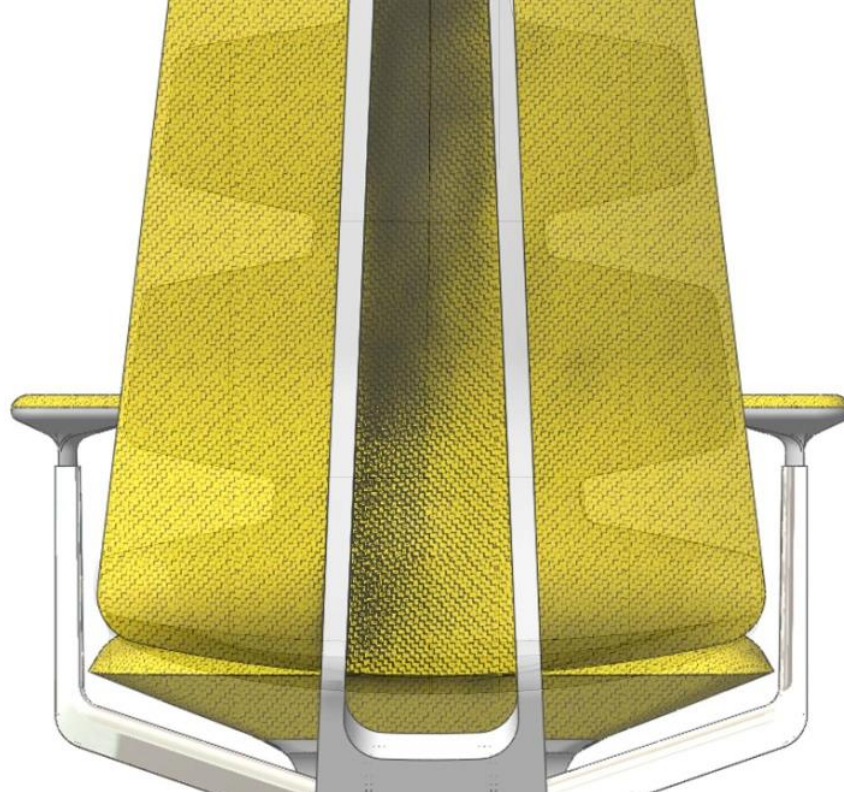
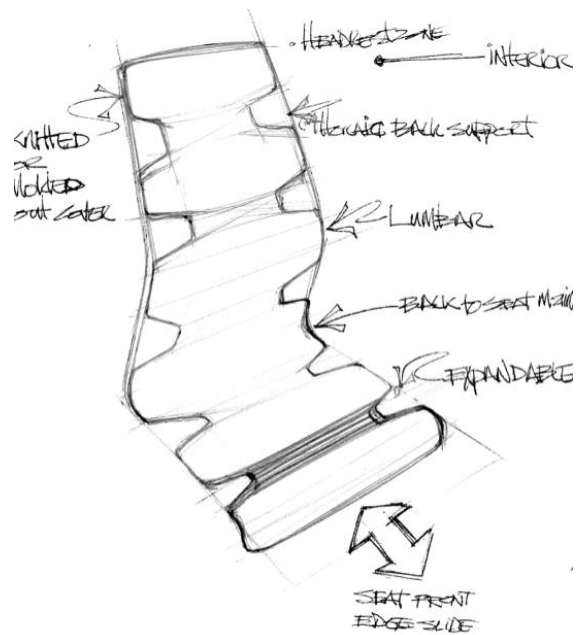


Flexing seat sides

Lumbar pillow



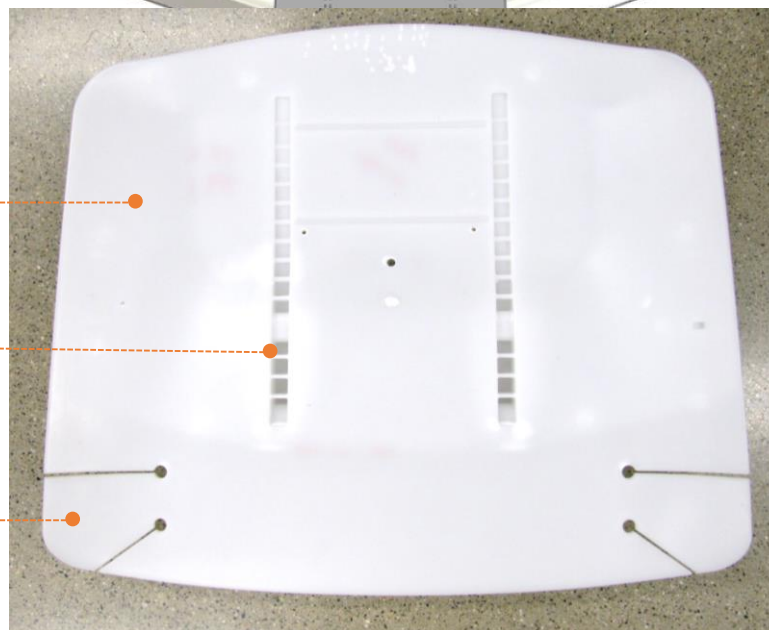
Flexing seat concepts



flexing sides

central "spine beams"

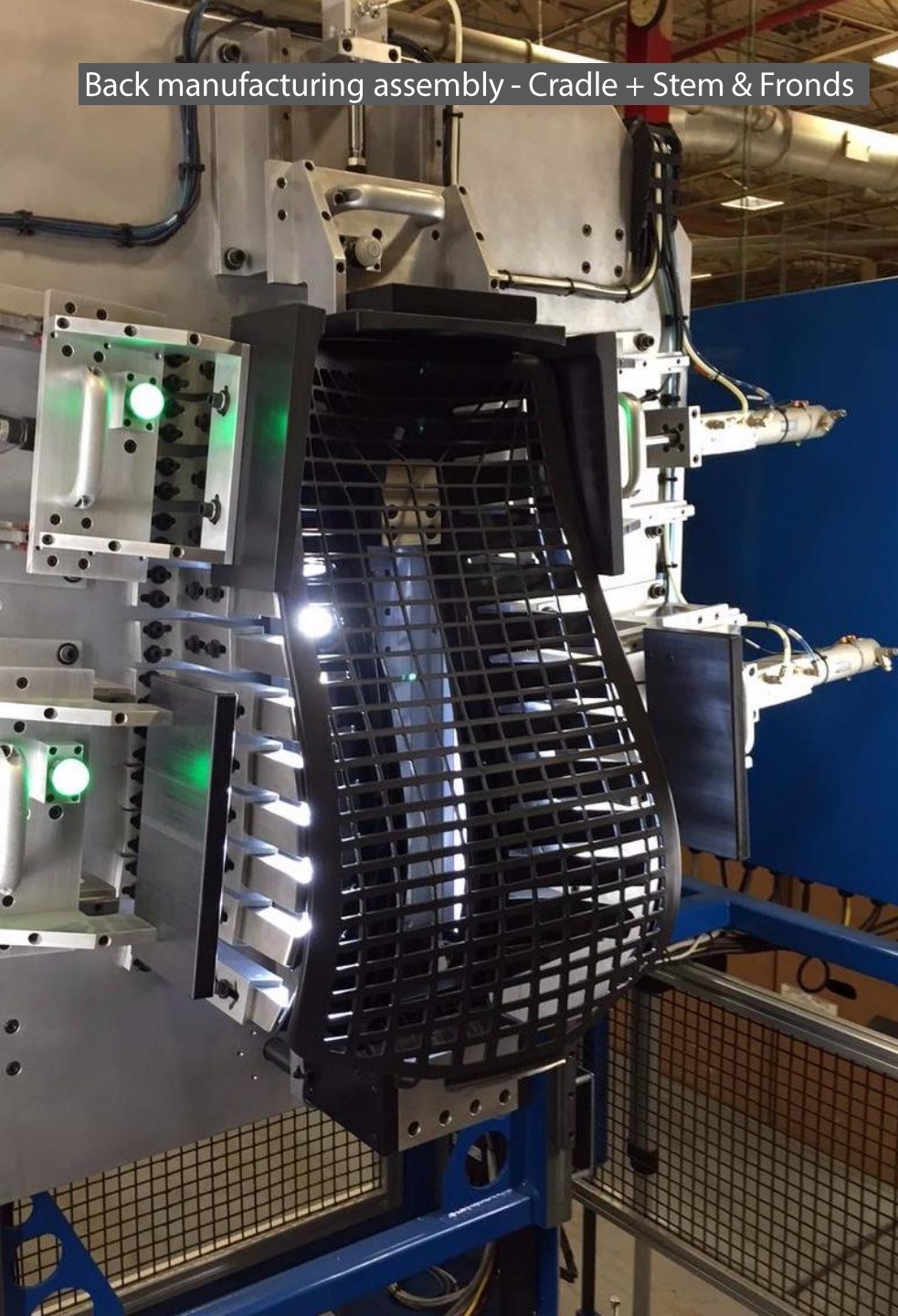
flexing front fronds



Chair cycle testing



Back manufacturing assembly - Cradle + Stem & Fronds











Thank you!