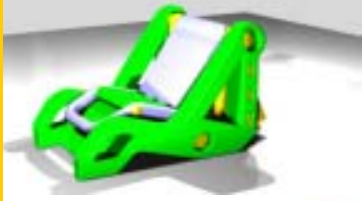
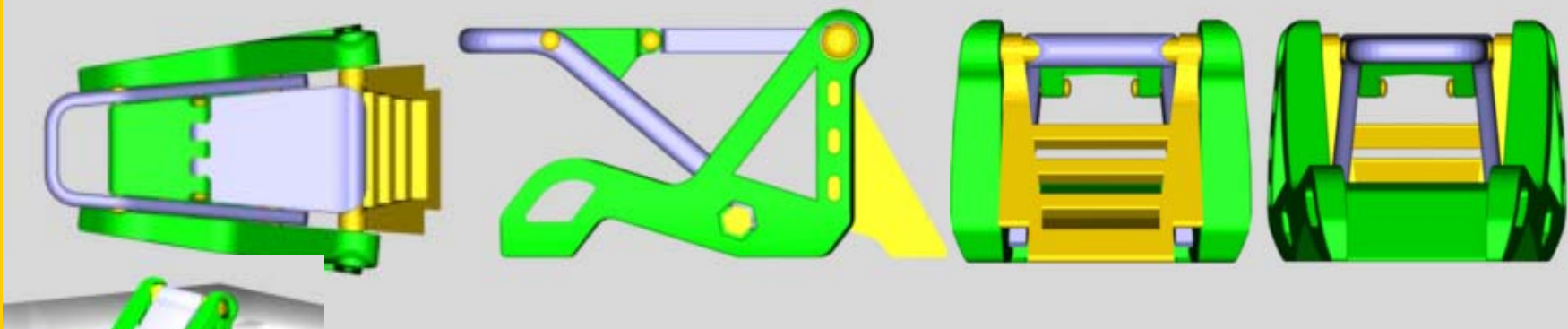
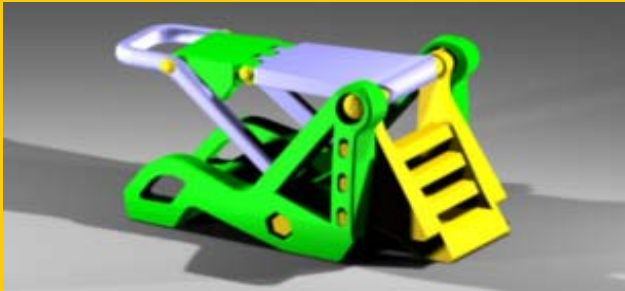
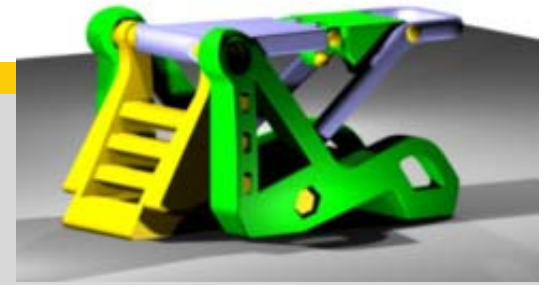
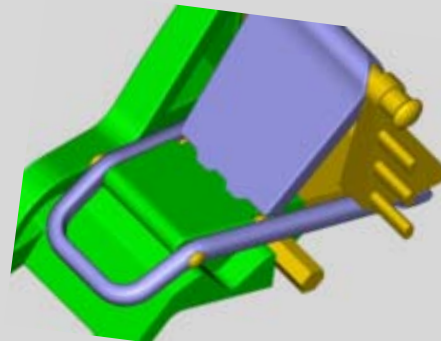
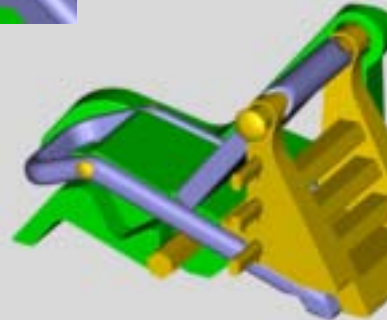
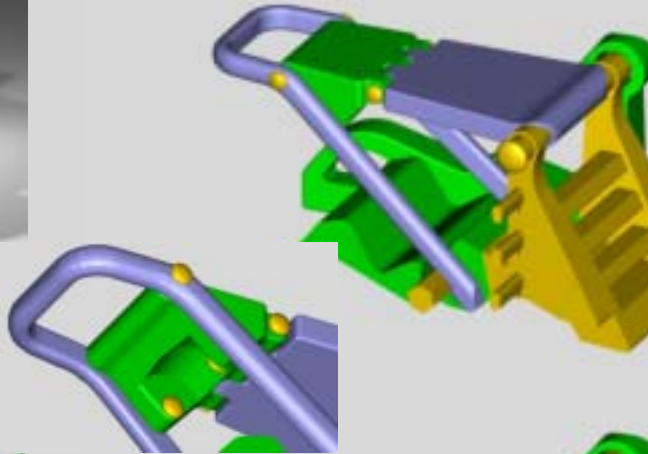


# The pediatric examination table



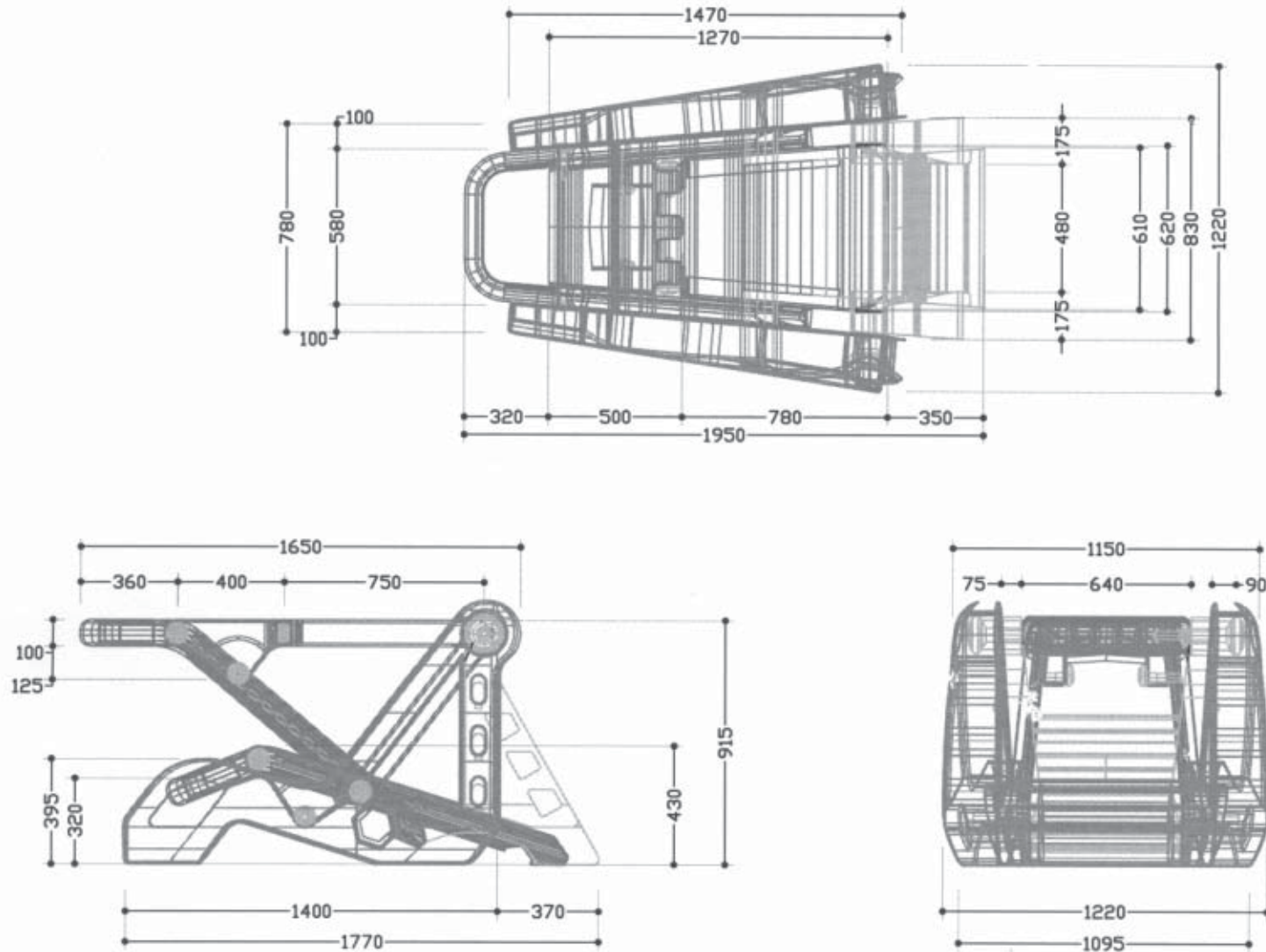
Perspective, top, side, back, and front views of the proposed PET in the table position  
Perspective, top, side, back, and front views of the proposed PET in the chair position



## Final model

Detail showing the leg piece locked to the base and the connecting tongues of the steps piece in the table position. (side piece not showed)  
Detail under the seat with dowels used to lock the seat to the leg piece.  
Detail of the seat with the dowels on and the axis connecting it to the leg piece.  
All axis have screwed ends. (leg piece not showed)  
Same detail as above but in the chair position.  
Detail showing seat and leg resting on the base in the chair position.

## Dimensional drawings



All dimensions are in millimeters

**1** present the front base (A)  
**2** insert the steps' piece (B)  
aligned behind the front  
base (A)

**3** interlock the left side (D)  
and the right side (C) with  
the steps' piece (B)

**4** insert the hexagonal bar  
(H) through the base (A+B)  
and the sides (C and D)

**5** present the backrest (E)  
and insert the main axis  
through the right side (C),  
steps' piece (B), backrest  
(E), and left side (D).

Screw the axis' ends (S)

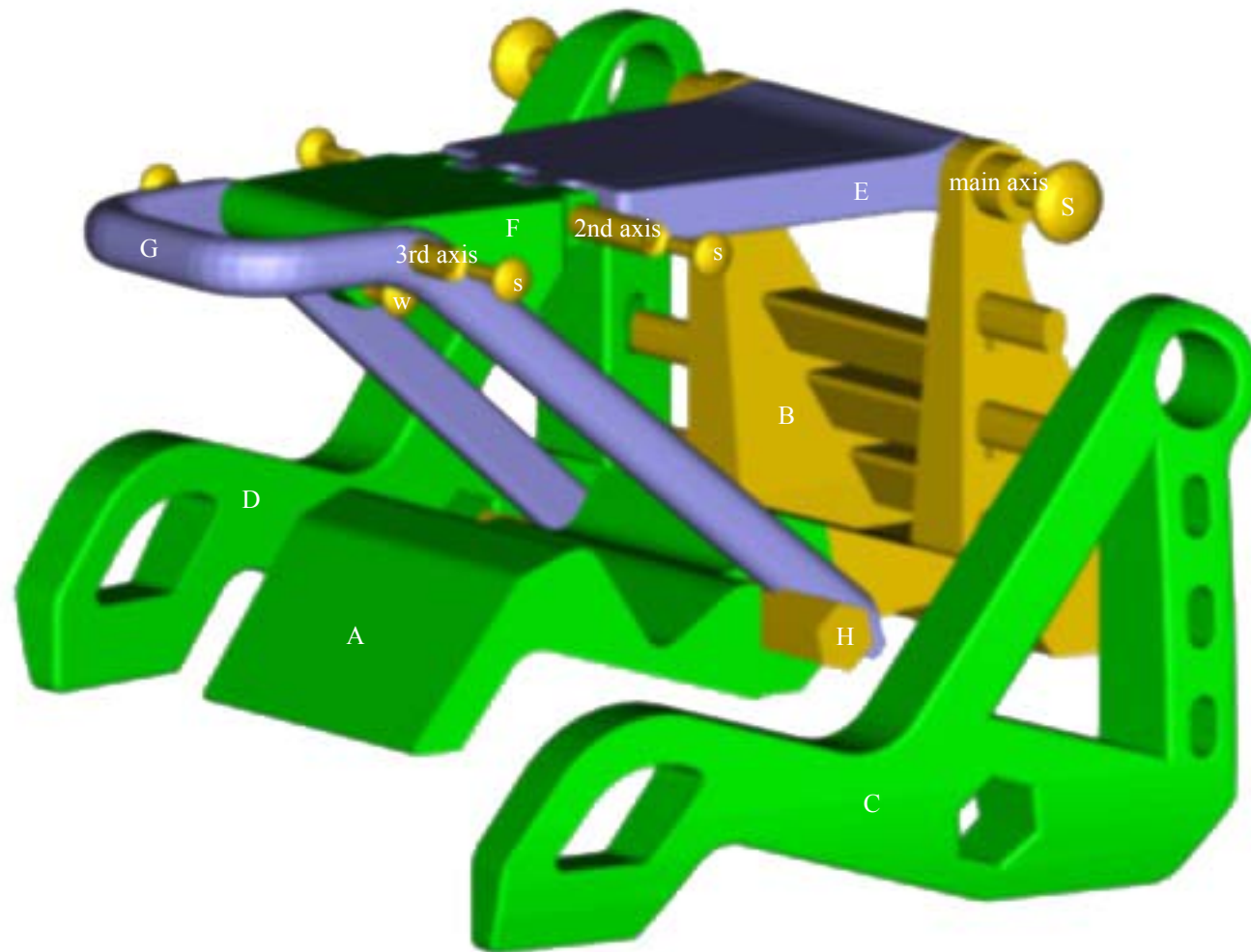
**6** present the seat (F) and  
insert the 2nd axis through  
the backrest (E) and the  
seat (F).

Screw the axis' ends (s)

**7** present the leg piece (G)  
and insert the 3rd axis  
through the seat (F) and the  
leg piece (G)

Screw the axis' ends (s)

**8** lock the leg piece(G) on  
the hexagonal bar (H) and  
slide in the two dowels (w)  
into the leg to lock the seat.



## Study of the parts for assembly

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## Picture Credits



- p.4 Midmark 307 powered exam table <<http://www.quickmedical.com/midmark/pwer/index.html>>
- p.6 Joan Miro's The encircled prophet,1965 <<http://www.hamiltonseway.com/miro/lepropheteencercle.jpg>>
- p.7 Centre Pompidou main facade <<http://www.galinsky.com/buildings/pompidou/pompi-pompidou1.jpg>>  
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- p.8 San Francisco Exploratorium <<http://www.apple.com/scitech/stories/exploratorium/images/exibits3.jpg>>  
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## Vita

Elena D'Alessandro was born in Montevideo, Uruguay in 1967.

In 1997 she graduated as an Architect from the school of Architecture, University of the Republic of Uruguay (Facultad de Arquitectura de la Universidad de la Republica Oriental del Uruguay). She is an independent architect since then. In August 2000 she began her graduate studies in Industrial Design in the College of Architecture and Urban Studies at Virginia Tech, which culminated with this thesis project.

She is married to Guy Hareau and they have three children, Sylvie, Chantal and Etienne.