



'Itajime gasuri'

A design journey across time and five nations

Dr Kate Wells



Alfred Bühler and Eberhard Fischer

Clamp Resist Dyeing of Fabrics

Produced by
Calico Museum of Textiles, Ahmedabad, India
1977

Indian Clamping Block Ahmadabad



Silk Lining of a Chinese Bedspread.
Origins thought to be Indian c1500



Silk Fabric patterned with *Kyokechi* Clamping Boards Japan: Nara Period. c710-794



Japan: Beni Itajime



Itajime: Synthetic Dyes c1920

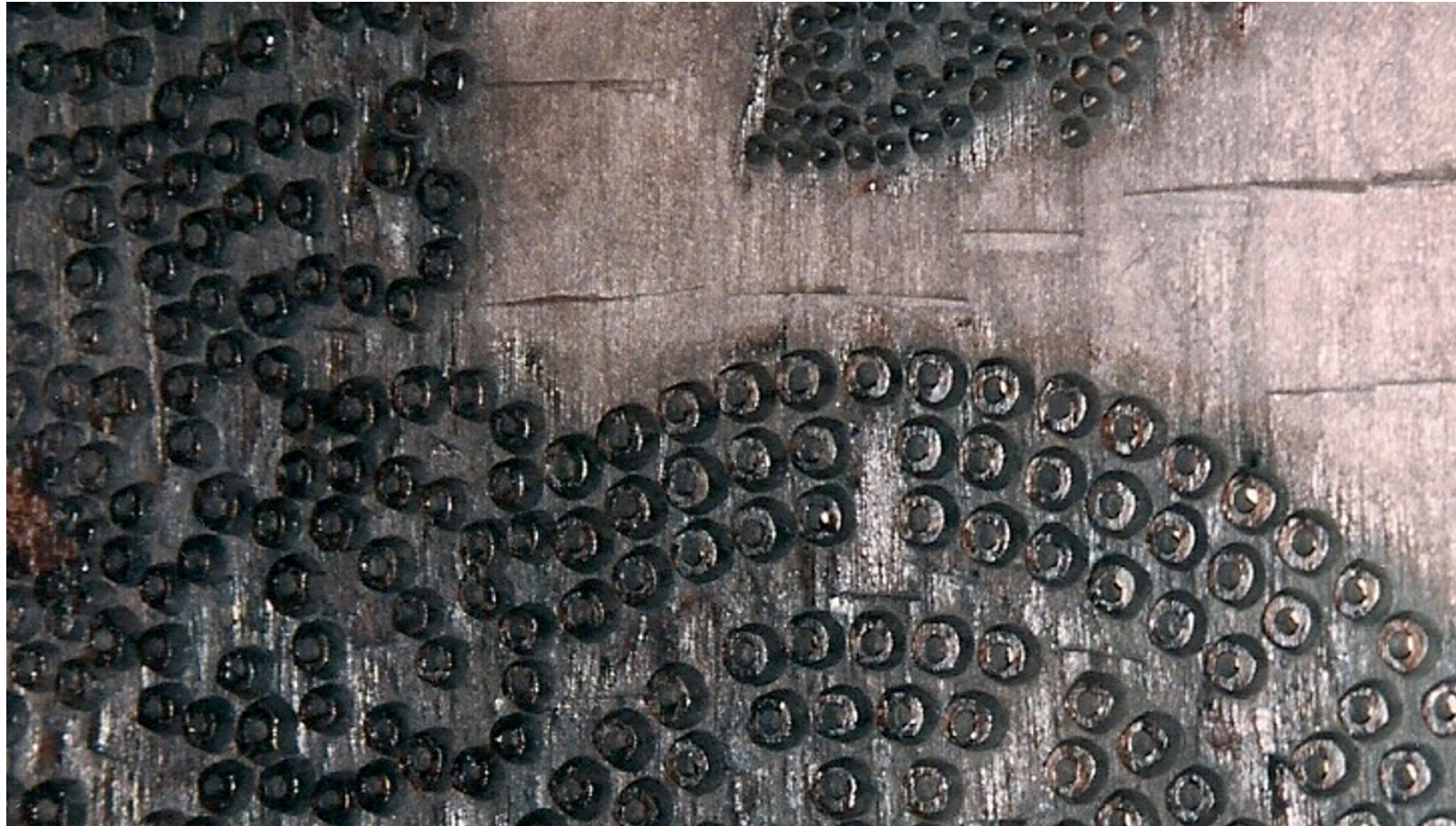




Technique Detail of old *Itajime*: Carved Clamping Boards

The Shigeki Fukumoto Collection

1996.Japan

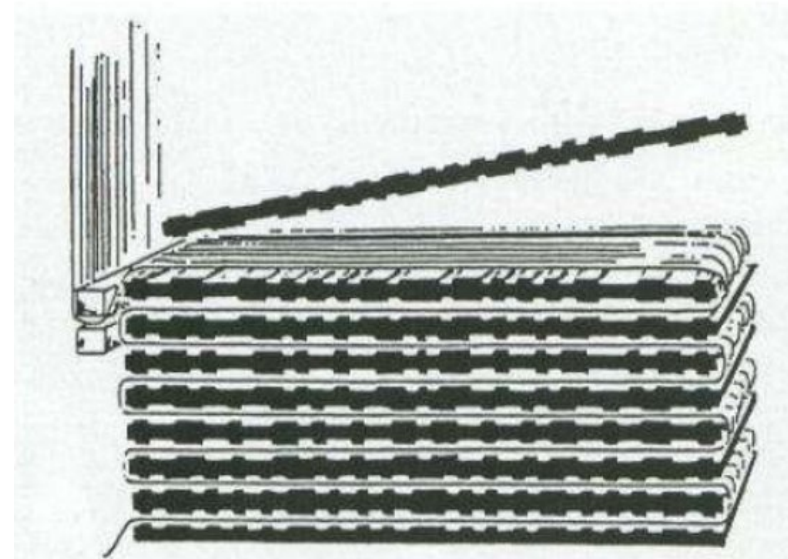
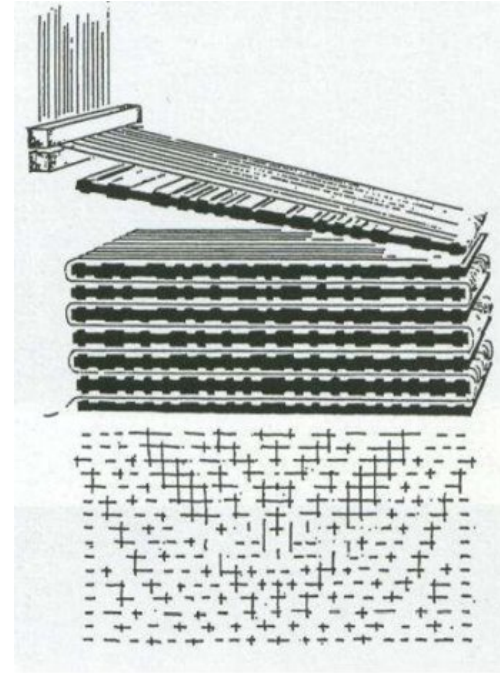
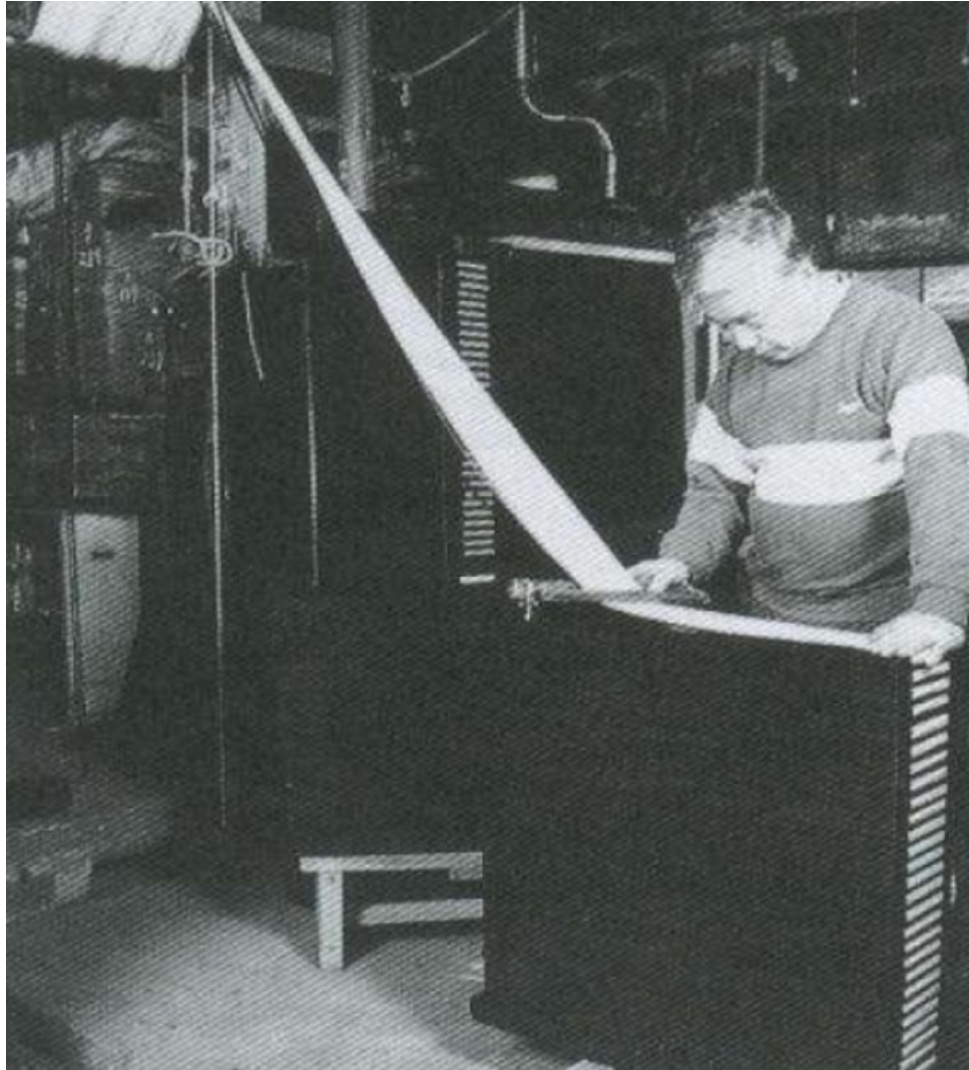


Front and Back of old *Itajime* The Shigeki Fukumoto Collection

Japan 1996



Itajime gasuri



Norio Koyama dyeing silk organza with *itajime gasuri*

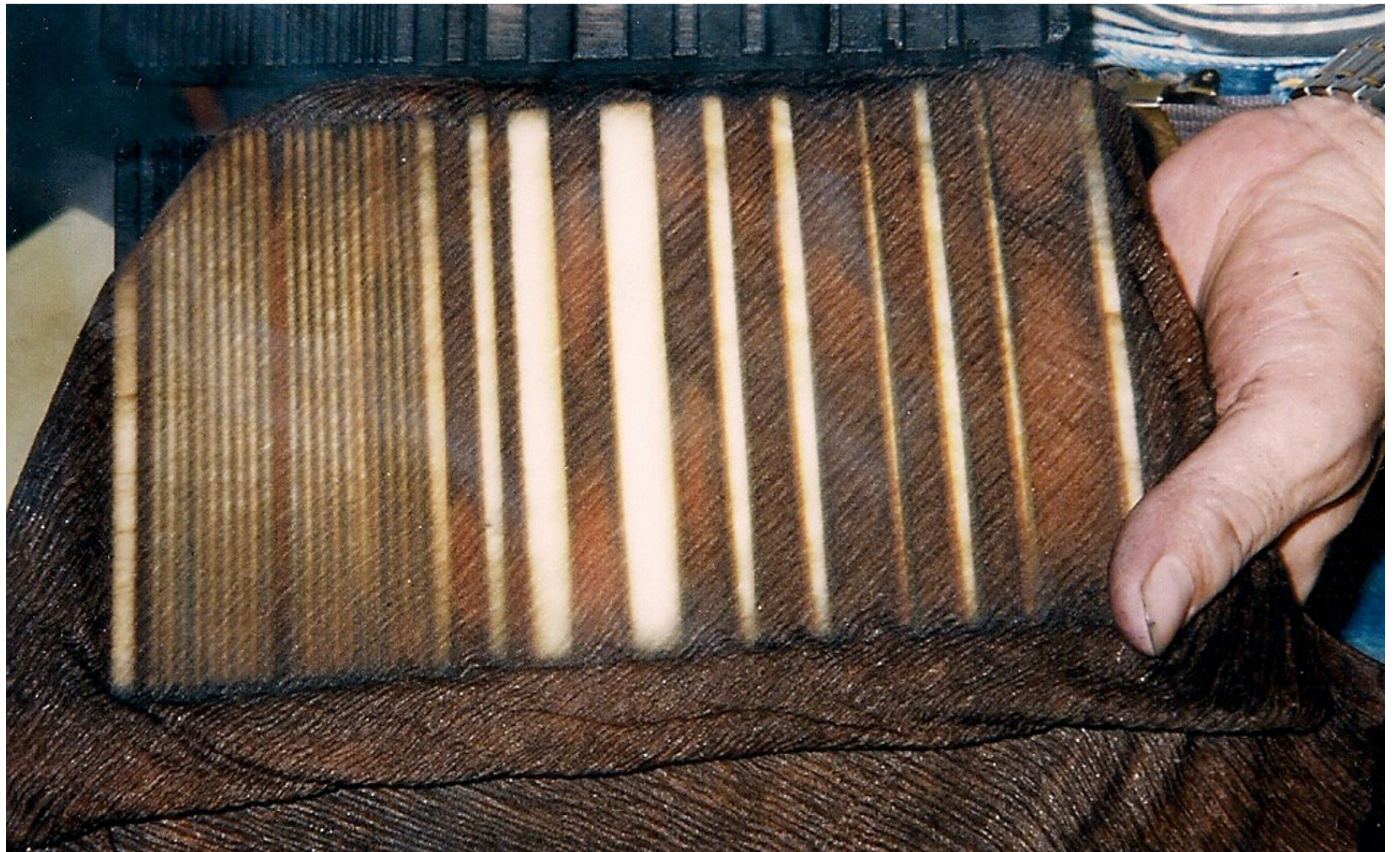
Japan 1996



Dye spraying mechanism at Norio Koyama workshop

Japan 1996.





Collection of *Itajime gasuri* boards gifted to Dr Kate Wells

Japan 1996.





Practical Research for PhD

'Resist patterning for Contemporary Fabrics'

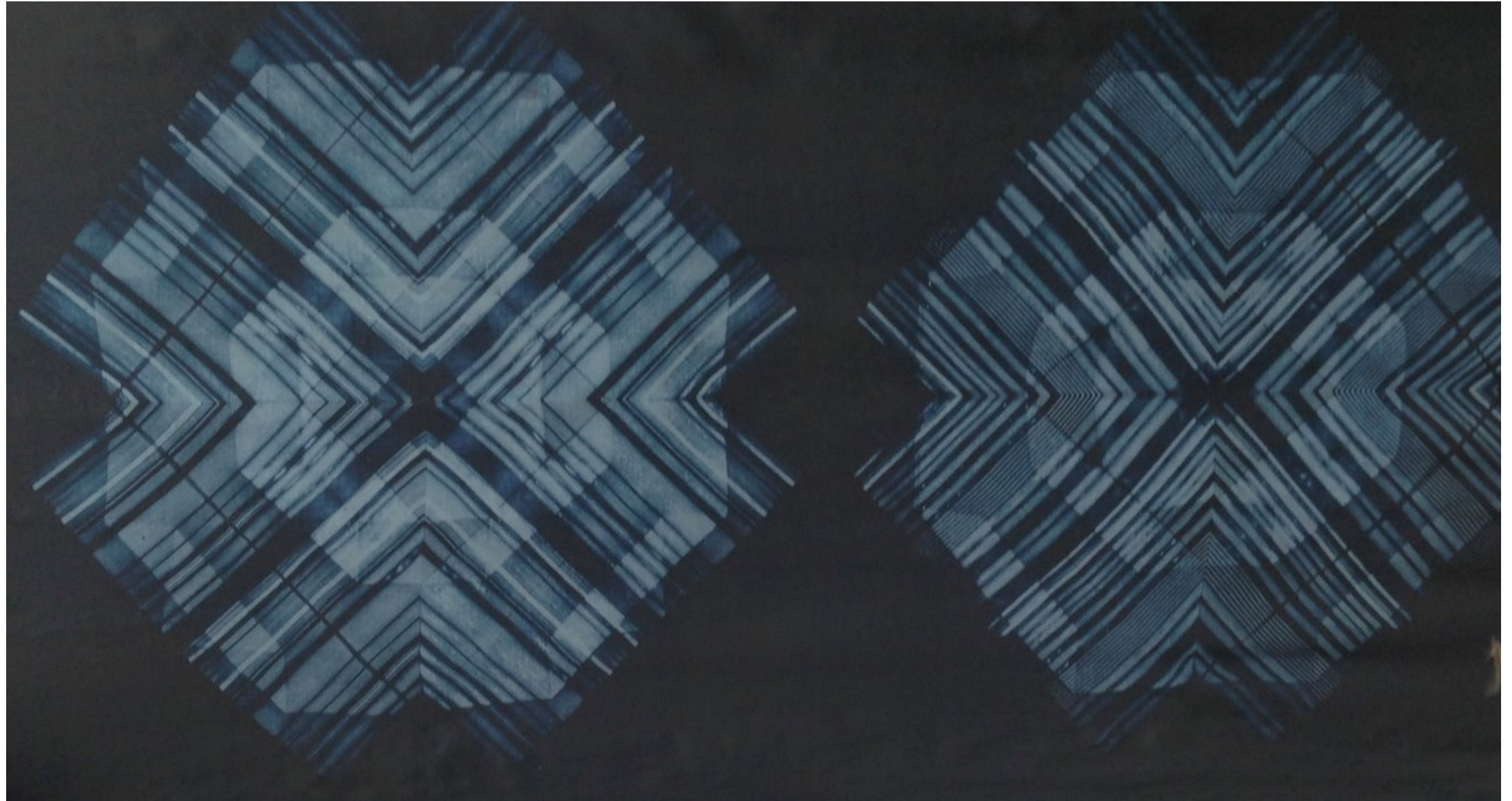
Dr Kate Wells 1998





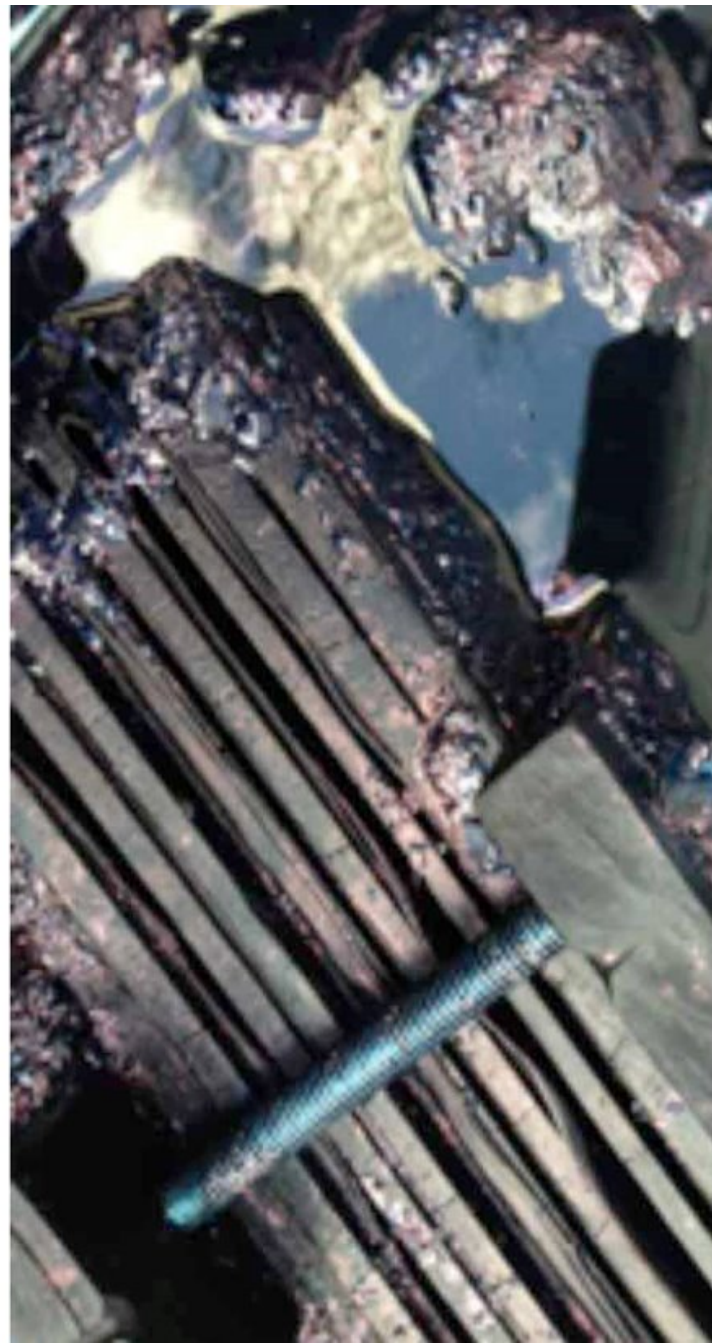
'Itajime-Blue Cross'

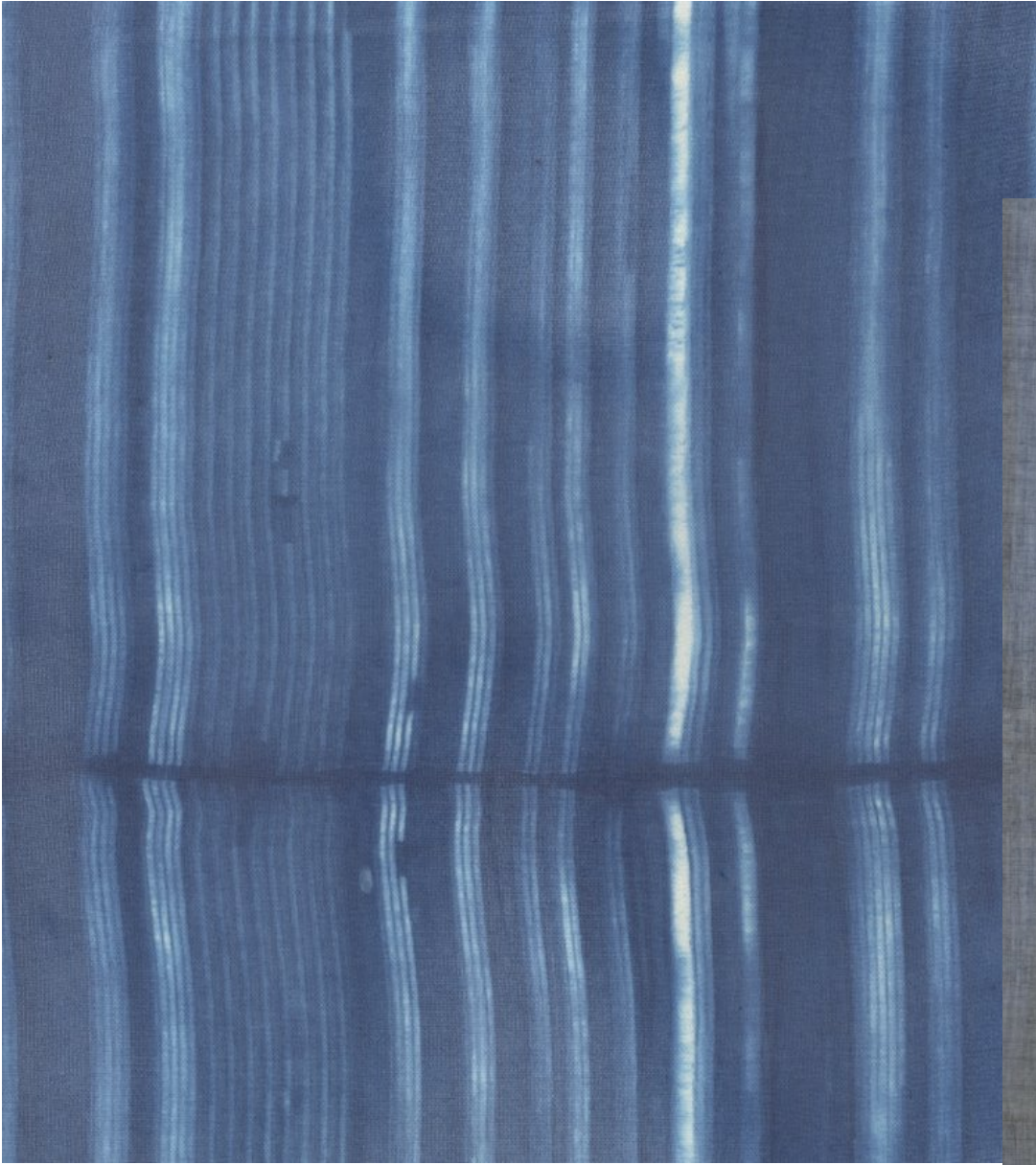
Kate Wells 2006



Cotton organza clamped in *iltajime* boards prior to dyeing in indigo

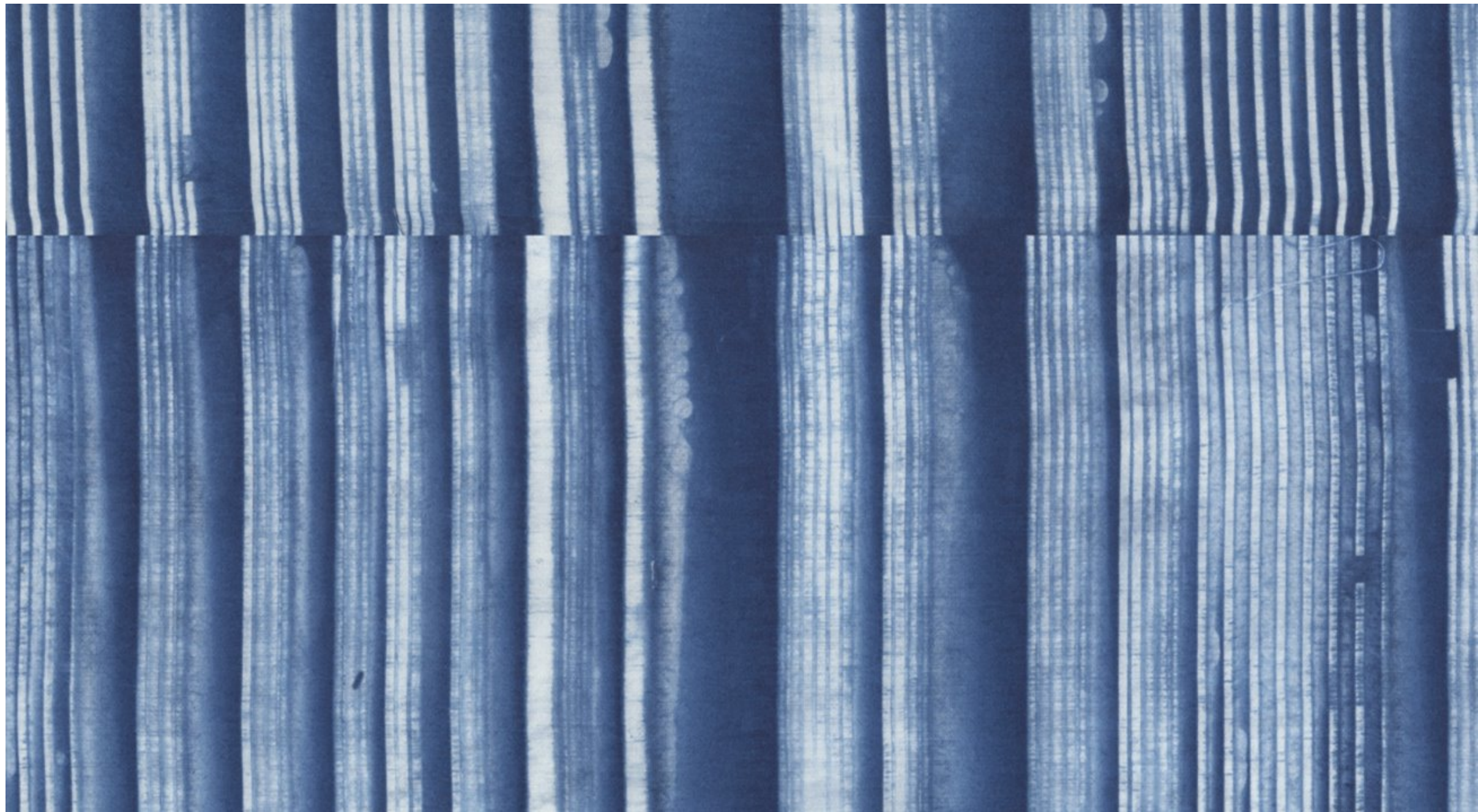






Scanned fabrics

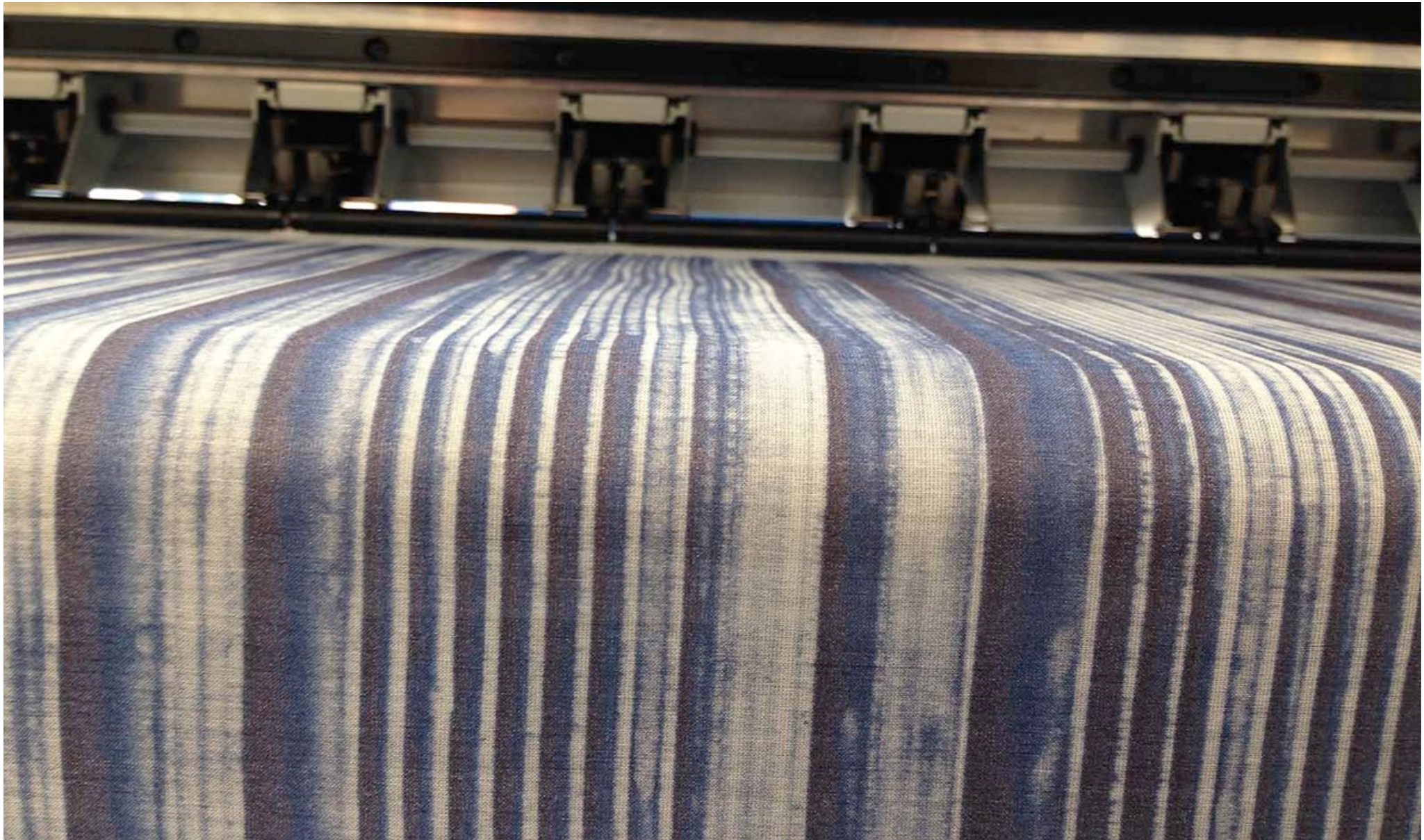




Finalised digital and modified image



Digitally Printed Fabric





Paul Turnbull Prints

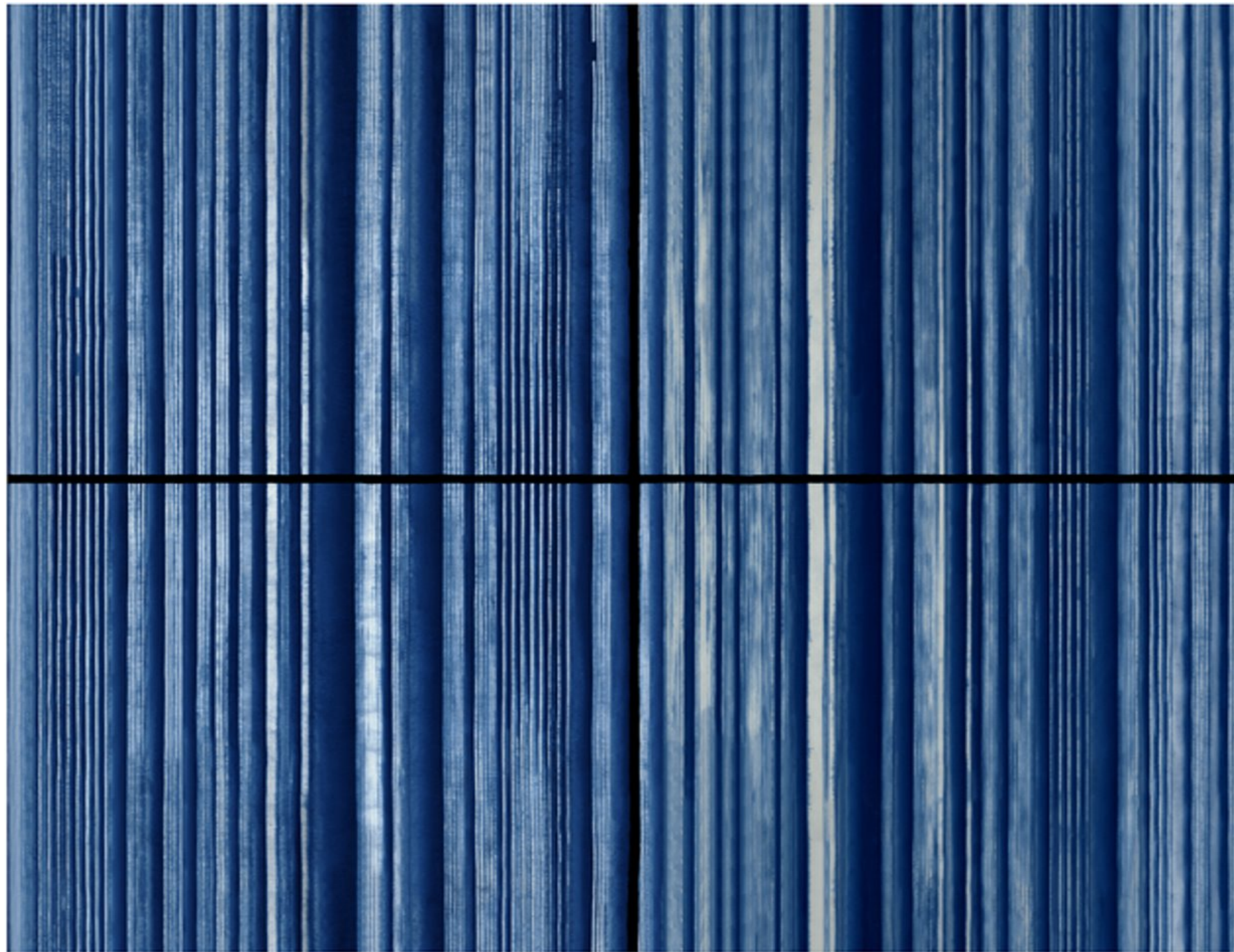
Digitally Printed Warp for Exhibition. Re-Inventing Linen

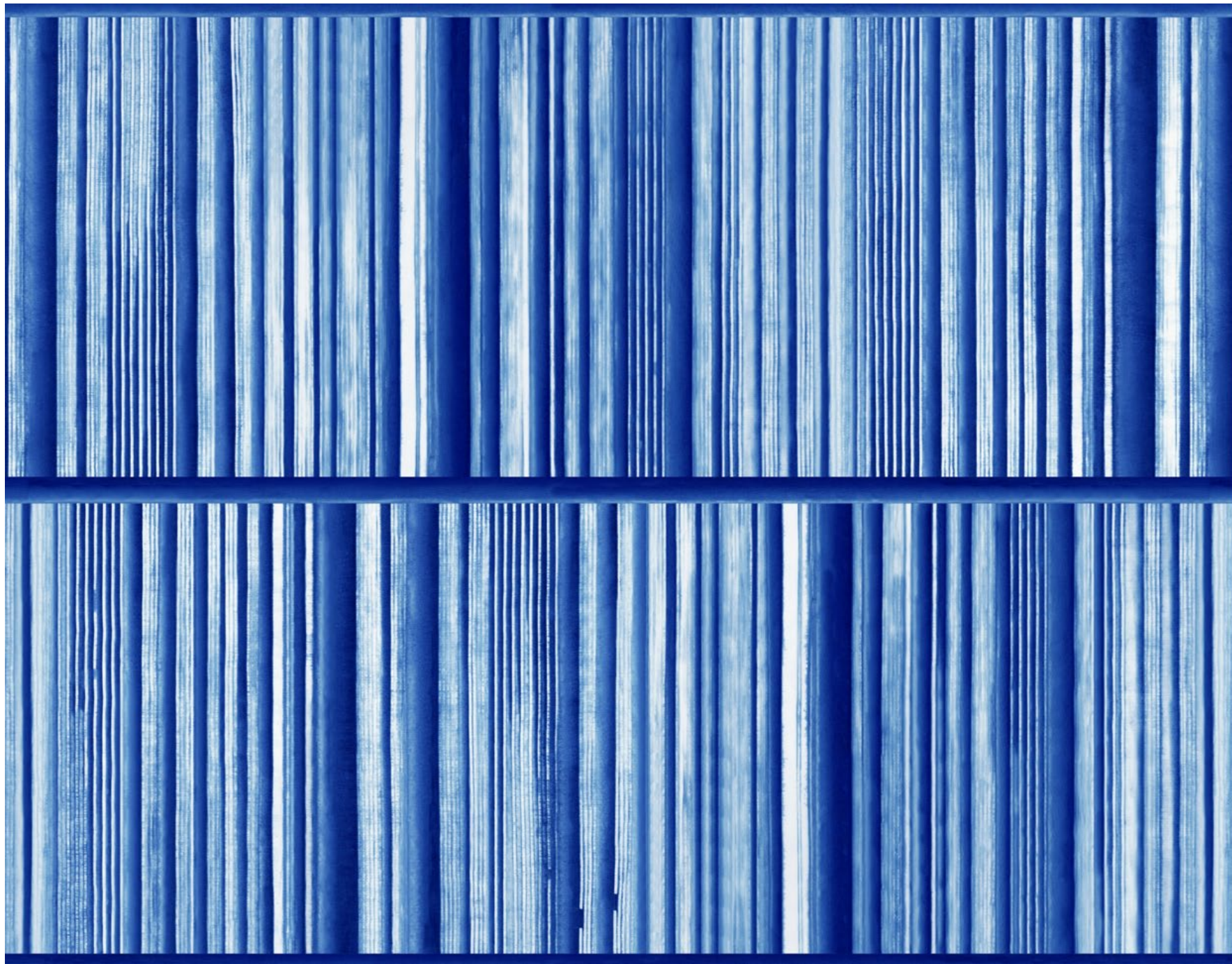
Belfast 2007











Itajime: Digital Warp Blue

Dr Kate Wells 2014





China: Jiaxie Folk Textile, Indigo. 2014









**‘What use is high technology if
we do not know the soul of the
craft.’**

Junichi Arai 1997



Thank you

Norio Koyama & Riko Sudo