

# CANAL DEL MANZANILLO

PROYECTADO POR EL

INGENIERO RICARDO OROZCO.

## Notas.

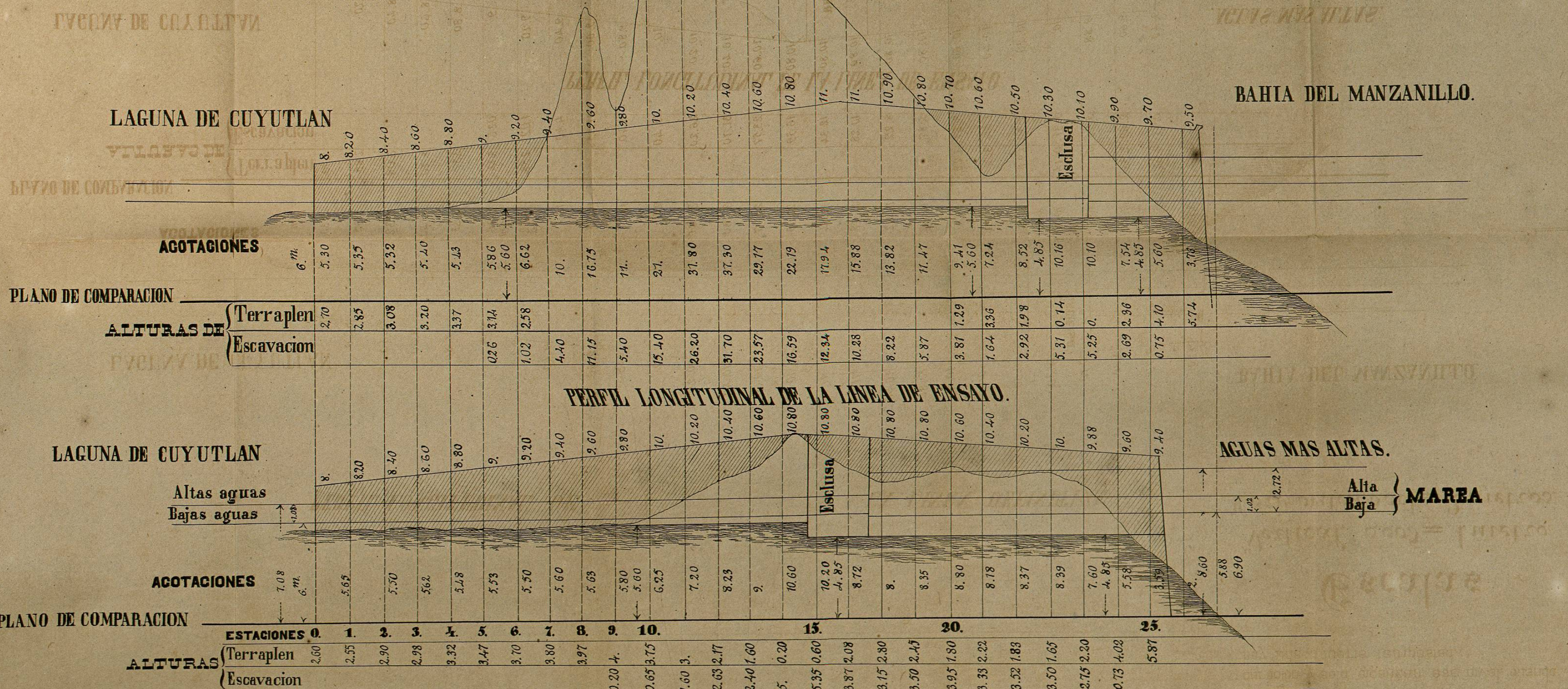
Equidistancia de las estaciones, 20 metros.  
Las aguas mas altas del mar son de corta duracion y solo alcanzan ese nivel, cuando hay una fuerte tempestad.

## Escalas

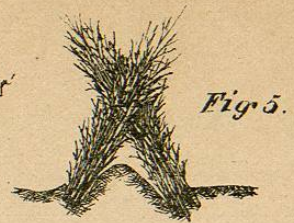
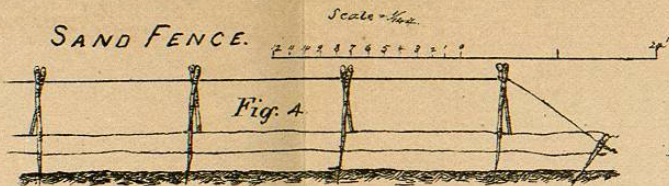
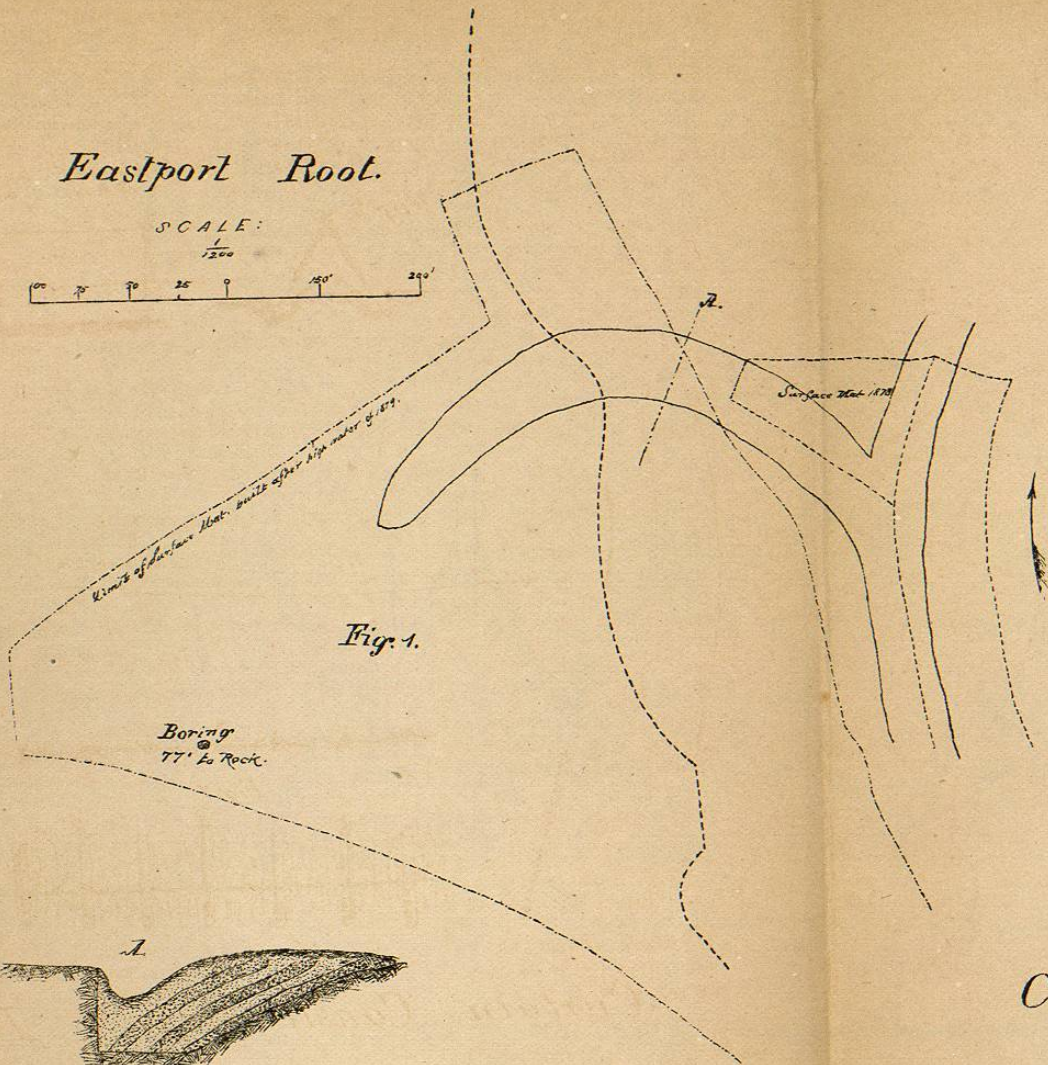
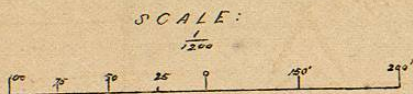
Vertical, 1:500 = 1 metro.  
Horizontal, 1:2000 = 2 metros.

PERFIL LONGITUDINAL DE

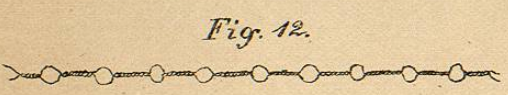
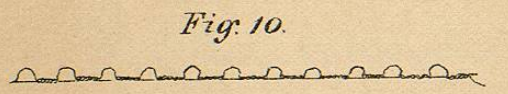
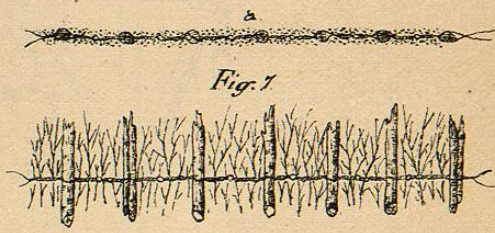
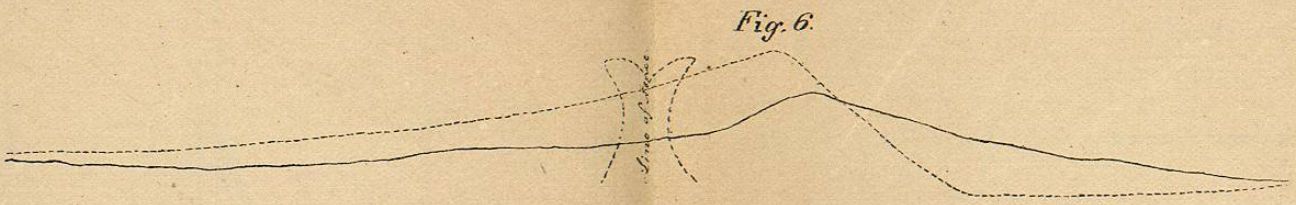
LA LINEA DEFINITIVA



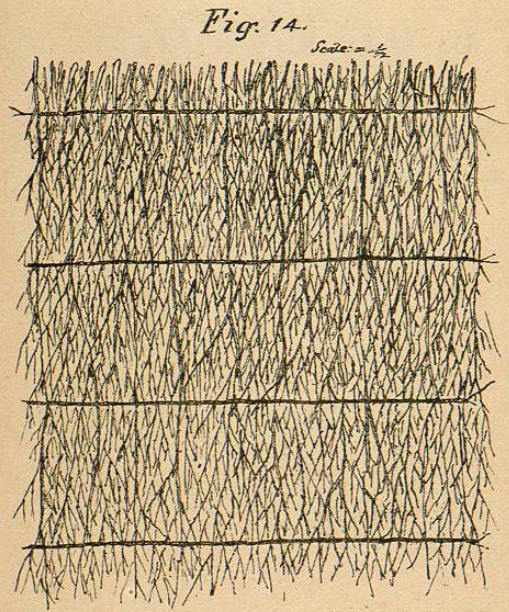
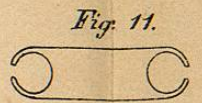
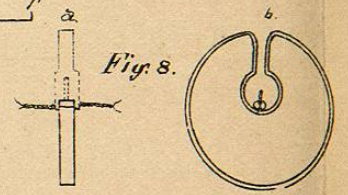
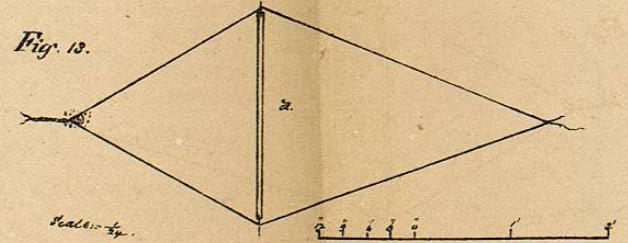
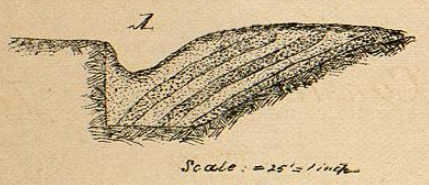
Eastport Root.



CROSS SECTION.

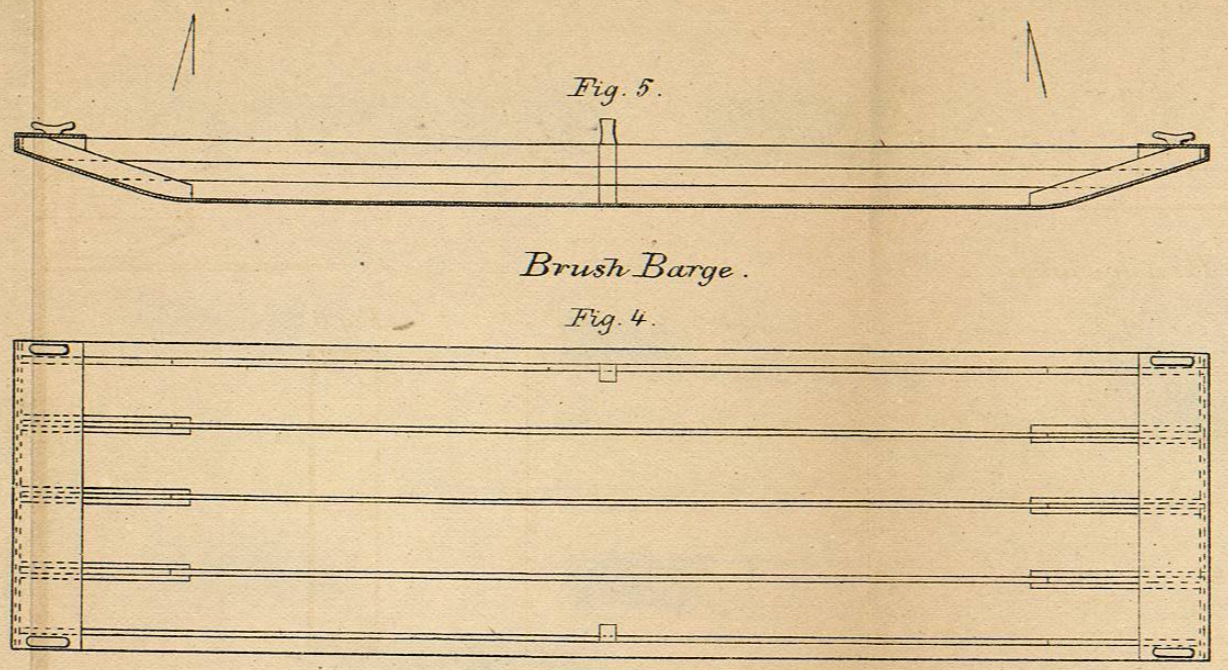
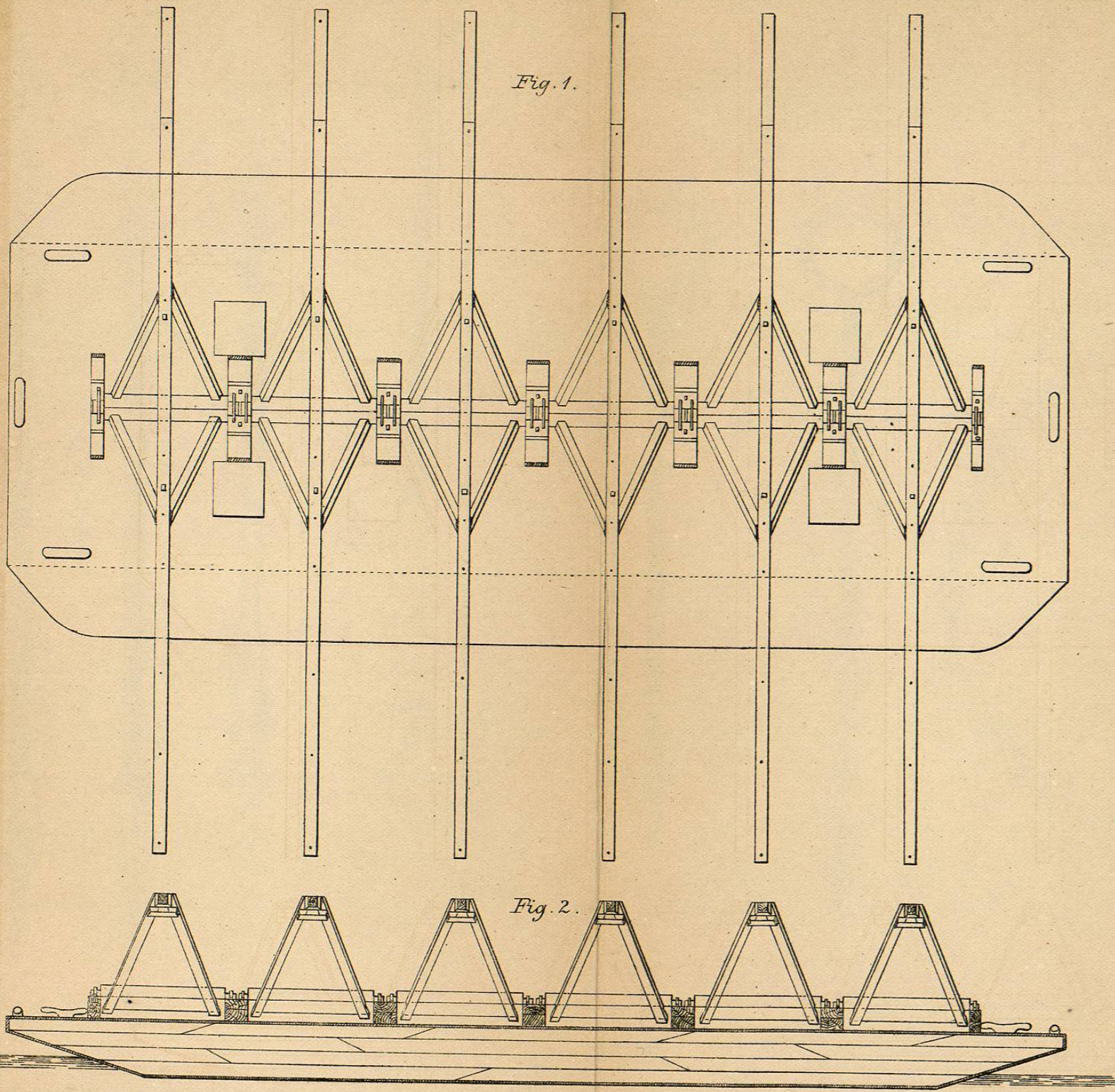


Curtain Construction & Tools.



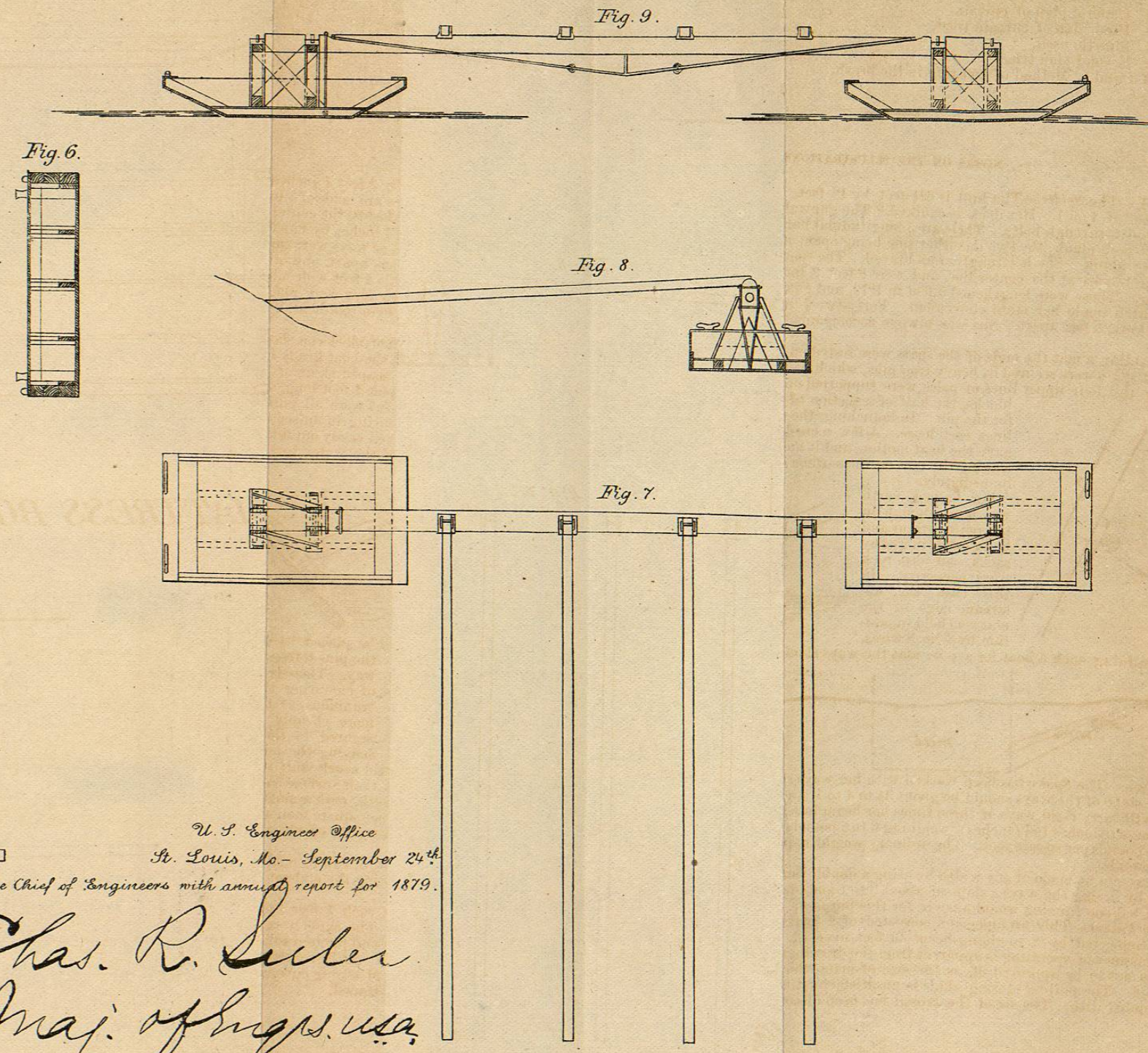
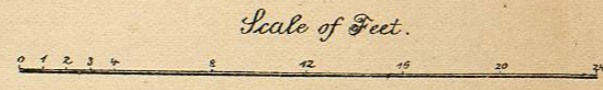
U. S. Engineer Office  
St. Louis, Mo. September 24<sup>th</sup>  
Sent to the Chief of Engineers with annual report for 1879

Chas. R. Suter  
Maj. of Engs. U.S.A.



Brush Barge.

MATTRESS BOATS used at NEBRASKA CITY.



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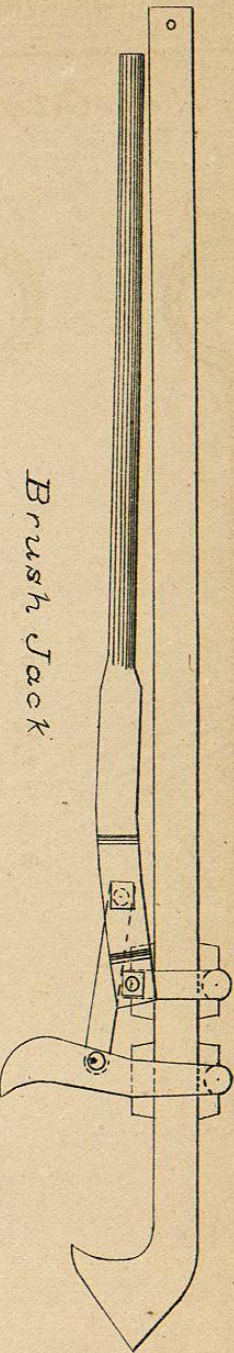
Fig.1. Fig.2. Fig.3. Fig.4. Mattress Tools used at Neb. City

Scale of Inches

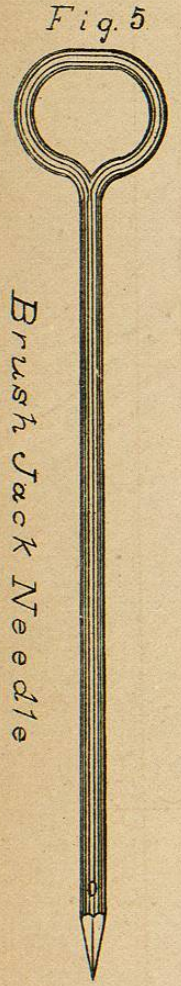
Neb. City Aug. 4, 1879



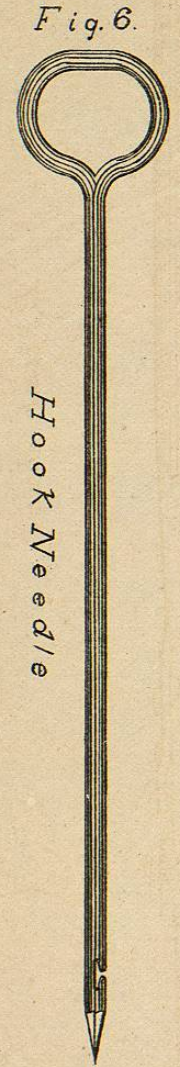
Harpoon Shuttle



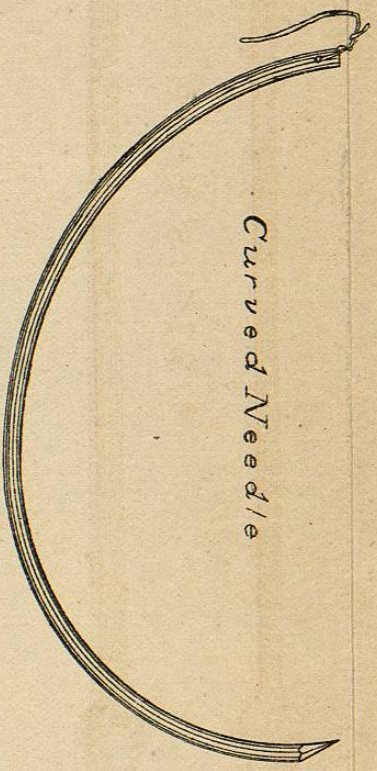
Brush Jack



Brush Jack Needle



Hook Needle



Curved Needle

Fig. 1. Jack Fastening

Fig. 2. Shuttle Fastening

Fig. 3. Hook Needle Fastening

Fig. 4. Curved Needle Fastening

Fig. 5. Sewing to Wire

Fig. 6. Lock Stitch

Fig. 7. Harness Stitch

Fig. 8. Chain Stitch

Scale 1/48

Neb. City Aug. 8, 1879

Mattress Fastenings

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St. Louis, Mo. - September 24<sup>th</sup>  
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