



# Barry Lawrence Ruderman Antique Maps Inc.

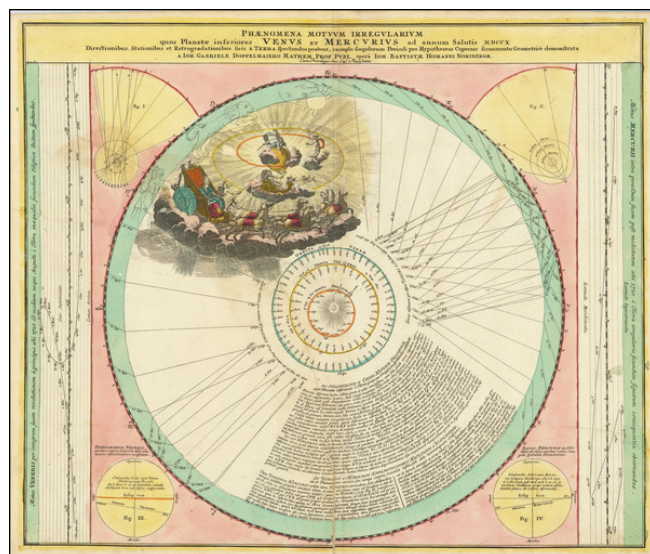
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## Phaenomena Motuum Irregularium quos Planetae inferiores Venus et Mercurius ad annum Salutis MDCCX

**Stock#:** 76175  
**Map Maker:** Doppelmayr / Homann  
**Date:** 1742 circa  
**Place:** Nuremberg  
**Color:** Hand Colored  
**Condition:** VG  
**Size:** 22.5 x 19 inches  
**Price:** \$ 495.00



### Description:

Decorative engraved celestial map by Doppelmayr showing the motion of the planets Mercury and Venus during the year 1710. A detailed illustration on the chart shows a league of horses pulling a chariot whose wheels are the rotating earth. This rotates around a central sun figure, alongside the representations of Mercury and Venus as their respective Roman gods.

In 1710, Mercury transited across the sun on November 5th. Astronomers were able to use geometric principles along with revolution speeds (center of chart) of the inner planets to predict where the planets would appear relative to the sun, from the earth. This was used to correctly predict a future transit event in 1761. The sides of the map show the predicted altitude (with regards to the equator) of Mercury and Venus over the year 1710.

The map is typical of the detailed and bold style of the Homann cartographic output, of which the celestial maps are amongst the most attractive.

### Detailed Condition:

Original hand-color. Repaired centerfold split at the bottom. Two printer's creases at the right edge.