



Barry Lawrence Ruderman Antique Maps Inc.

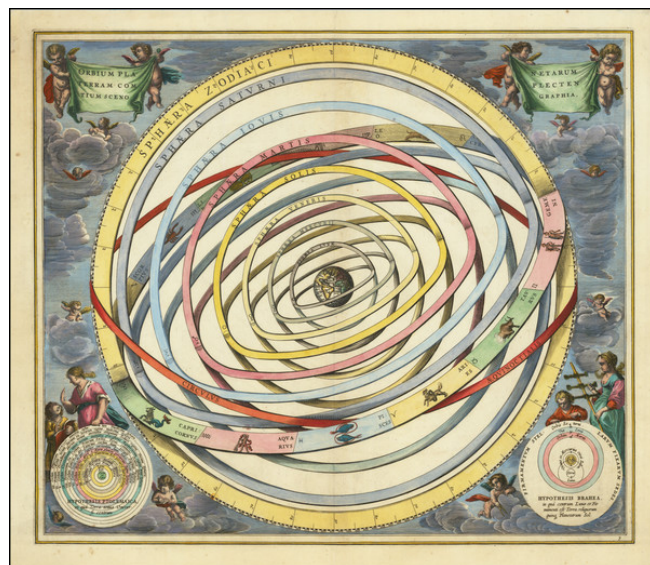
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Orbium Planetarum Terram Complectentium Scenographia . . .

Stock#: 79366
Map Maker: Cellarius
Date: 1661
Place: Amsterdam
Color: Hand Colored
Condition: VG
Size: 20 x 17 inches
Price: SOLD



Description:

Striking example of Cellarius model of the Universe, a model of the solar system with the earth at the center, from his *Harmonia Macrocosmica seu Atlas Universalis et Novus*.

Fine example of Cellarius' astronomical chart in the form of the concentric rings of an armillary sphere, demonstrating the apparent movements of sun, moon, and planets around the earth within an equinoctial and a zodiacal ring. The corner illustrations show the systems of Ptolemy and Tycho Brahe. In the center is a globe of the earth showing most of the American continent and the western part of Europe.

This is a true representation of the Ptolemaic model. Instead of concentric two-dimensional bands, the planets are here shown as limited to certain spheres, argued to be crystalline by Aristotle. This allows for the slightly different orbital planes of the known planets. In addition, this representation is the first to show epicycles, that is, the spheres within spheres, around which the celestial objects orbit in order to account for non-circular motion. Note these as the small circular drawings located just below each of the astrological symbols. Two inset charts, in the lower left and right, compare the Tychonian and Ptolomeic hypotheses.

Andreas Cellarius *Harmonia Macrocosmica* (first published in 1660) is generally regarded as one of the most spectacular cosmographical atlases that was published in the second half of the seventeenth century. The atlas was published in 1660 and 1661 by the Amsterdam publisher Johannes Janssonius (1588-1664), as a cosmographical supplement to his *Atlas Novus*. Andreas Cellarius had already started working on this



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atlas before 1647 and intended it to be a historical introduction for a two-volume treatise on cosmography but the second part was never published.

Detailed Condition: