

# Alexander's Star



*Patented by Adam Alexander 1985, made by Ideal Toy Co. 1992.  
(plastic, 3.5 inches)*

Each point can be rotated around the plane perpendicular to it. The solved state, as shown in the photo above, is when each pair of parallel planes is the same color. *Jaap's Page* mentions the relationship of this puzzle to the *Megaminx* and presents a three step solution, where the first step uses only two simple transformations to solve everything except the five pieces around one vertex, the second step positions the edges of this final vertex using one of five transformations, and the final step employs two transformations to orient these edges.

## **Further Reading**

*Jaap's Page*, from: <http://www.geocities.com/jaapsch/puzzles/alexandr.htm>

*Alexander Patent*, from: [www.uspto.gov](http://www.uspto.gov) - patent no. 4,506,891

*Nieto Patent*, from: [www.uspto.gov](http://www.uspto.gov) - patent no. 4,500,090