Pionir Box

a.k.a. Pionir Cube
(plastic, 2 inches)

A total of 67 balls can be moved along tracks on the inside edges of the box by tilting the box (e.g., in a fashion similar to the Varikon 3x3x3 box); there are 7 balls on each edge (with the corner balls being shared between three edges), where one ball is missing. Each side of the box has a paper label with four colored dots on it. All the balls are black, except for 4 red, 4 green, and 4 yellow balls, which in the solved position, must be located in the middle of edges next to the same colored dot on the labels. Jaap's Page presents a solution.

Further Reading
Jaap's Page, from: http://www.geocities.com/jaapsch/puzzles/pionir.htm

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