United States Patent [19]

Heeter et al.

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[54] **PAPER TABLEWARE WITH METALLIZED LAYER**

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[52] **U.S. Cl.** ..... **220/456**; 229/3.1; 229/3.5 MF; 428/328; 428/35.8; 428/416

[58] **Field of Search** ..... 220/453, 456, 455, 458, 220/419, 442, 450, 460, 462; 229/3.1, 3.5 MF; 428/328, 35.8, 410

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,821,015	6/1974	Feinberg	229/3.1
4,211,339	7/1980	Itoh	229/3.1
4,308,985	1/1982	Manizza et al.	220/458
4,349,124	9/1982	Faller	229/3.1
4,452,859	6/1984	Nishijima et al.	220/458
4,543,280	9/1985	Fujita et al.	220/458
4,556,166	12/1985	Penttilia	220/458
4,753,832	6/1988	Brown et al.	229/3.1

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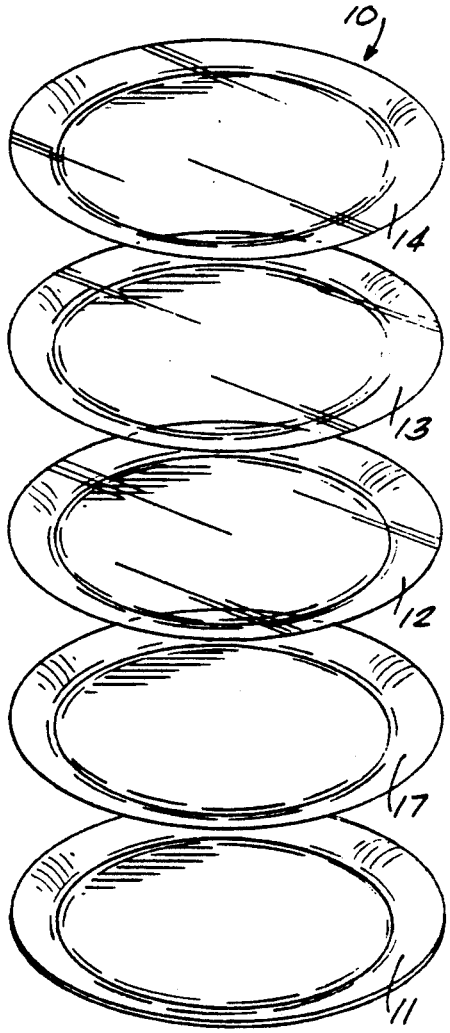
[57] **ABSTRACT**

Paper tableware, such as plates, cups, etc., made of a paper substrate, a metallized plastic film joined to the substrate, and an FDA-approved topcoating over the plastic film. A color coating can be applied between the plastic film and the topcoating.

7 Claims, 2 Drawing Sheets