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**Wittke et al.**

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(54) **BIPOLAR CUTTING ELECTRODE**

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(\*\*) Term: **14 Years**

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(30) **Foreign Application Priority Data**

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(52) **U.S. Cl.**  
USPC ..... **D24/144**

(58) **Field of Classification Search**  
USPC ..... D24/133, 143-144, 147; 606/41,  
606/45-47, 49  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,134,406	A *	1/1979	Iglesias	606/46
4,149,538	A *	4/1979	Mrava et al.	606/46
4,649,917	A *	3/1987	Karasawa	606/46
4,917,082	A *	4/1990	Grossi et al.	606/46
5,196,011	A *	3/1993	Korth et al.	606/46
5,582,610	A *	12/1996	Grossi et al.	606/46

5,766,168	A *	6/1998	Mantell	606/46
5,782,829	A *	7/1998	Swiantek et al.	606/46
5,788,694	A *	8/1998	Vancaillie	606/45
5,827,274	A *	10/1998	Bonnet et al.	606/41
5,919,190	A *	7/1999	VanDusseldorp	606/46
D629,100	S *	12/2010	Doll et al.	D24/144
8,348,944	B2 *	1/2013	Van Wyk et al.	606/46
D709,613	S *	7/2014	Wittke	D24/144
D712,032	S *	8/2014	Wittke	D24/144

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a bipolar cutting electrode, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a bipolar cutting electrode according to the present invention.

FIG. 2 is a rear perspective view of the bipolar cutting electrode of FIG. 1.

FIG. 3 is a perspective view of the bipolar cutting electrode of FIG. 1.

FIG. 4 is a top plan view of the bipolar cutting electrode of FIG. 1.

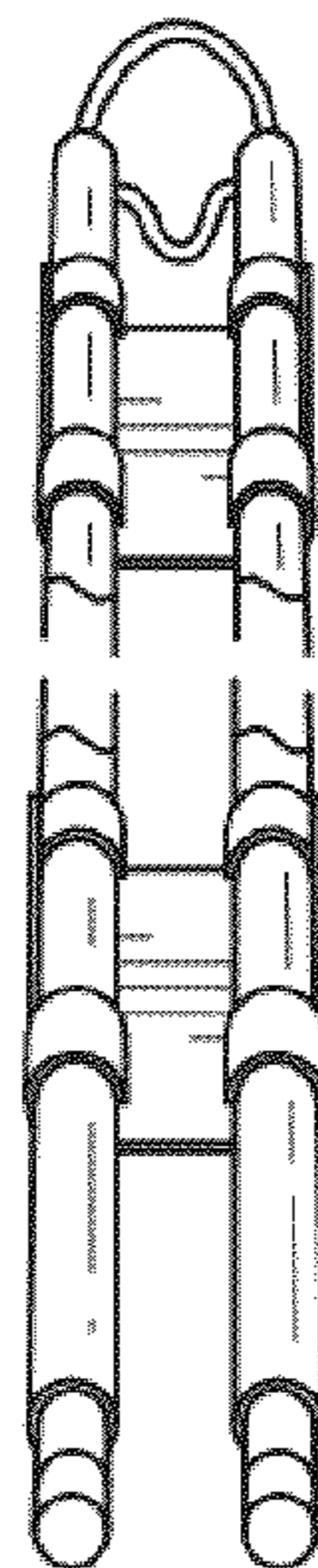
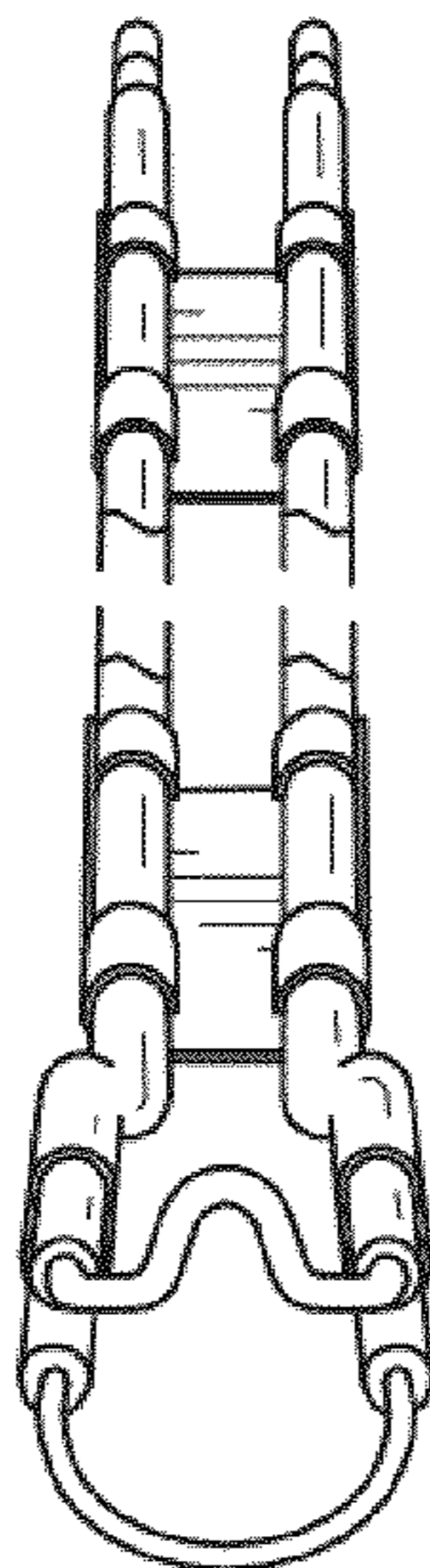
FIG. 5 is a bottom plan view of the bipolar cutting electrode of FIG. 1.

FIG. 6 is a right elevational view of the bipolar cutting electrode of FIG. 1; and,

FIG. 7 is a left elevational view of the bipolar cutting electrode of FIG. 1.

The dashed lines illustrate environment that does not form a part of the present invention, and no claim is made to the material illustrated with dashed lines.

**1 Claim, 6 Drawing Sheets**



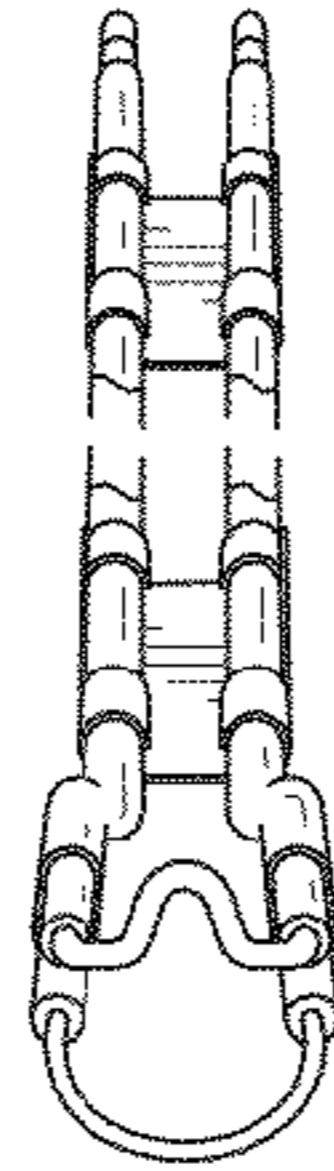


FIG. 1



FIG. 2

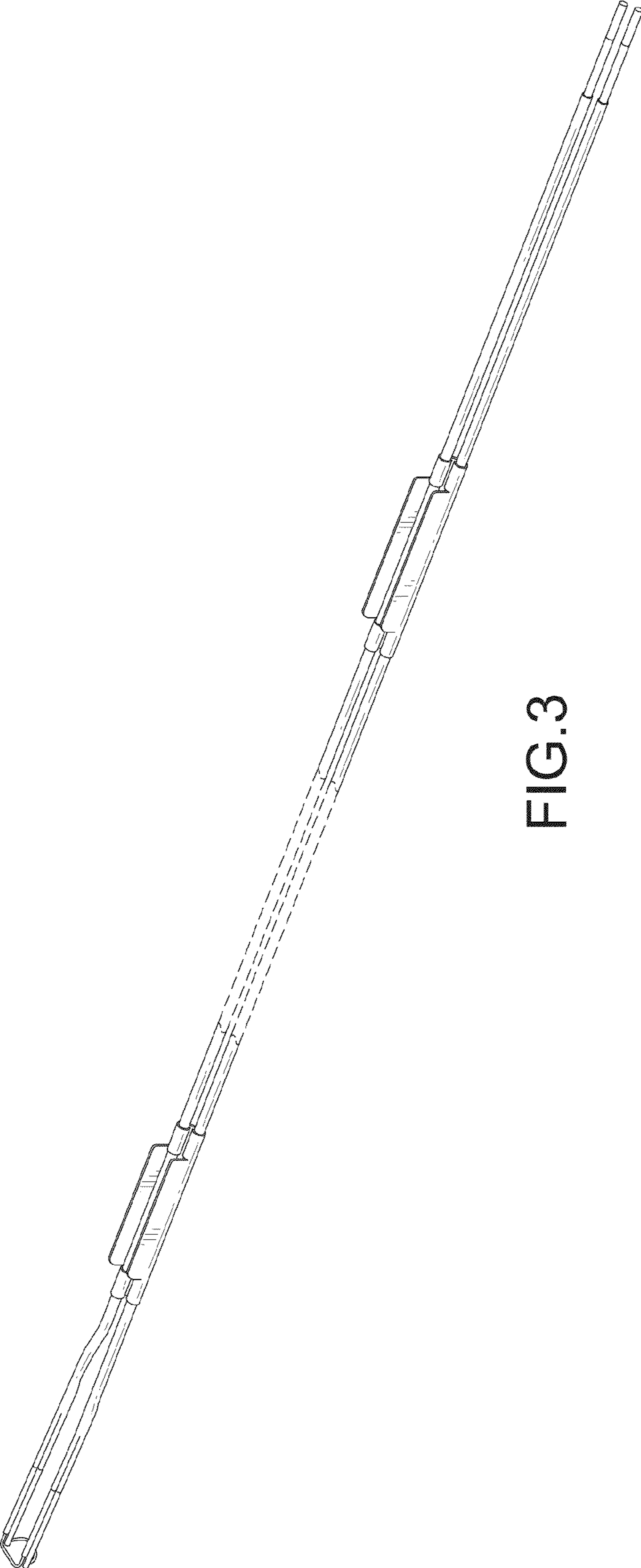


FIG.3



FIG.4

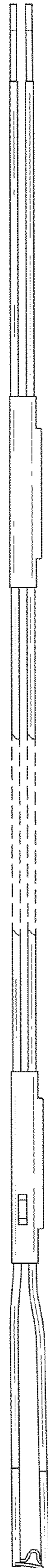


FIG.5

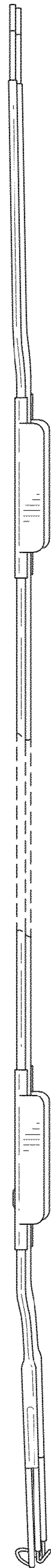


FIG. 6



FIG. 7