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United States Patent [19]

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Taguchi

[45] Date of Patent: **** Nov. 16, 1993**

[54] **ANTENNA ELEMENT FOR AUTOMOBILES**

5,151,711 9/1992 Taguchi 343/715

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FOREIGN PATENT DOCUMENTS

[73] Assignee: **Harada Kogyo Kabushiki Kaisha, Tokyo, Japan**

48788 4/1982 Fed. Rep. of Germany 343/715
446407 2/1992 Japan .

[**] Term: **14 Years**

Primary Examiner—Bernard Ansher
Assistant Examiner—Mitchell Siegel
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[21] Appl. No.: **693,424**

[22] Filed: **Apr. 30, 1991**

[57] CLAIM

[30] Foreign Application Priority Data

The ornamental design for antenna element for automobiles, as shown and described.

Oct. 31, 1990 [JP] Japan 2-36296

[52] U.S. Cl. **D14/234; D14/233**

DESCRIPTION

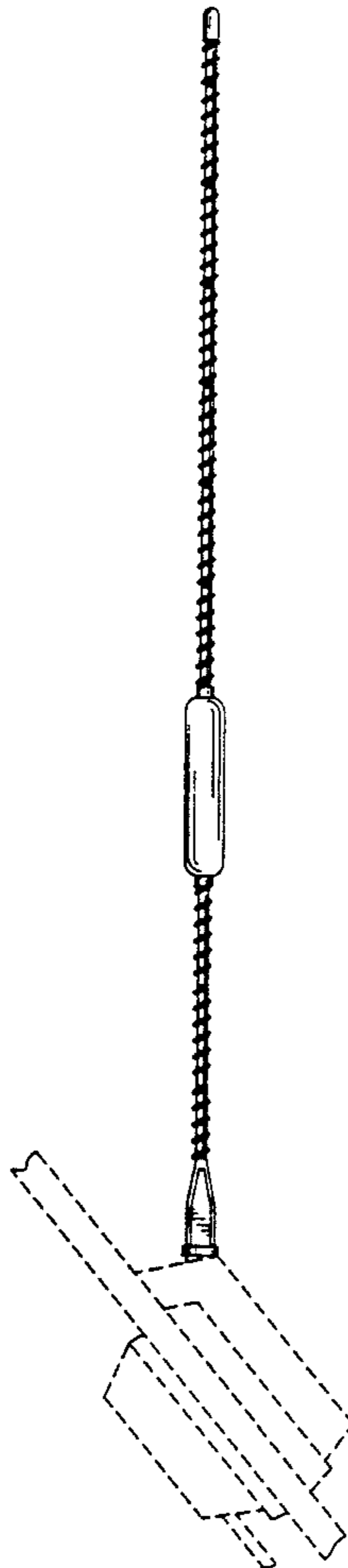
[58] Field of Search **D14/230-239; D25/128, 164; 343/711, 715, 749, 895, 900**

FIG. 1 is a front elevational view of the antenna element for automobiles showing my new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a left end elevational view thereof;
FIG. 6 is a right end elevational view thereof; and,
FIG. 7 is a front elevational view thereof and the broken line showing the mounting bracket and rear window is for illustrative purposes only and forms no part of the claimed design.

[56] References Cited

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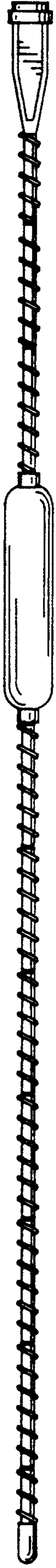


FIG. 1

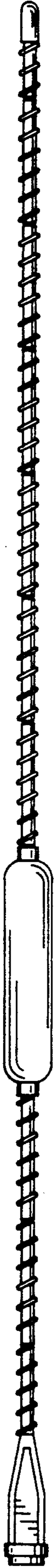


FIG. 2

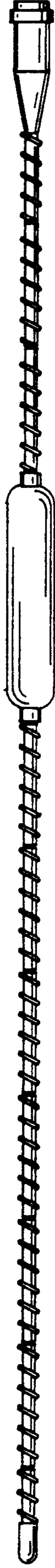


FIG. 3

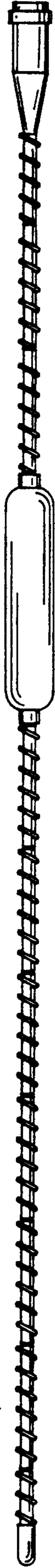


FIG. 4



FIG. 5



FIG. 6

FIG. 7

