Title: TELESCOPIC RETRACTABLE ANTENNA WITH IMPROVED CONTACT SYSTEM

Abstract: A retractable antenna including an outer elongate telescopic element (10) extending along an elongate axis, an inner elongate telescopic element (14) which is slideable along the elongate axis (12) with respect to the outer elongate telescopic element from a fully retracted position to a fully extended position; and an extended position retaining spring fixedly positioned with respect to the outer elongate telescopic element for frictional extended position retaining engagement with the inner elongate telescopic element when the inner elongate telescopic element is in the fully extended position but not when the inner elongate telescopic element is generally in a retracted position.
before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:
28 April 2005
# INTERNATIONAL SEARCH REPORT

**International application No.**

PCT/IL04/00233

## A. CLASSIFICATION OF SUBJECT MATTER

<table>
<thead>
<tr>
<th>IPC(7)</th>
<th>US CL</th>
<th>According to International Patent Classification (IPC) or to both national classification and IPC</th>
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<tr>
<td>H01Q 001/10</td>
<td>343/901, 702, 841, 700ms, 872; 455/90, 121</td>
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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S.: 343/901, 702, 841, 700ms, 872; 455/90, 121

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched:

NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

East: retractable antenna, outer elongate element, inner elongate element,

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tbody>
<tr>
<td>A</td>
<td>US 6,573,868 B2 A (JOHNSON et al.) 03 June 2003 (03.06.2003)</td>
<td>1-13</td>
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<td>A</td>
<td>US 6,034,639 A (RAWLINS et al.) 07 March 2000 (07.03.2000)</td>
<td>1-13</td>
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</tbody>
</table>

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Date of the actual completion of the international search

14 January 2005 (14.01.2005)

Date of mailing of the international search report

18 March 2005

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