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#### **Declarations under Rule 4.17:**

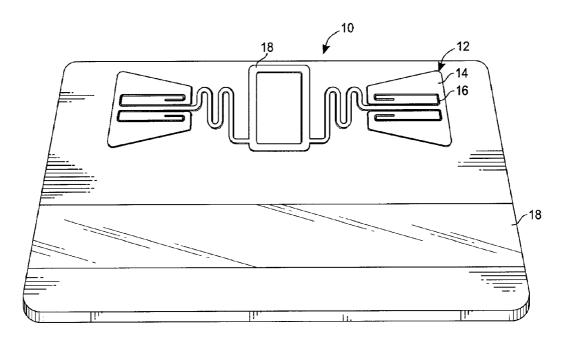
- as to applicant's entitlement to apply for and be granted a
  patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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with international search report

[Continued on next page]

(54) Title: ANTENNA USING OPTICAL RECORDING MEDIA



(57) Abstract: An RFID device (10), where the antenna (12) of the device (10) is made of an optical media material. This optical material may be used to store optical data in a number of different forms, including as holograms and as pits having comparatively greater or lesser reflectivity compared to surrounding media. Alternatively, the RFID device (10) includes optical media stores a security feature used to authenticate the RFID device.

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G08B 13/14 (2008.04) USPC - 340/572.7				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)				
USPC: 340/572.7				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 340/572.1, 572.7, 572.8; 369/272.1 (search term limited)				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST (DB=USPAT, USPGPB, EPAB, JPAB); Google search, terms including: optical disk, disc, RFID, transponder, optical media, data, track, antenna, substrate, active, battery, layer, RF, transmission				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
X	US 2006/0071795 A1 (BENEDIKT) 06 April 2006 (06.04.2006) para [0002], [0010], [0012], [0033]-[0041], [0047].		1-11	
Α	US 2006/0192653 A1 (ATKINSON et al.) 31 August 2006 (31.08.2006) entire document.		1-11	
A	US 6,100,804 A (BRADY et al.) 08 August 2000 (08.08.2000) entire document.		1-11	
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Further documents are listed in the continuation of Box C.				
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