**Title:** DETECTION AND PREVENTION OF HOSTILE ACTIVITY AT DISTANT RANGE FROM A SECURED SITE

**Abstract:** A search detect and react, (SDR) system and a method of use for detection and prevention of hostile activity at a distant range from a secured site, and a system and a method for training for their efficient use. The method of use includes definition of fives SDR states, which comprise an operative protocol according to which a security array can function efficiently.
Published: (88) Date of publication of the international search report:
— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2Qi))
INTERNATIONAL SEARCH REPORT

International application No
PCT/IL 09/01082

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G08B 21/00 (2010.01)
USPC - 340/540

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; 340/540

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 340/500, 531, 532, 540, 573.1, 573.4; 342/27, 28 (text search)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWest (PGPB, USPT, EPAB, JPAB), Google
Search terms used: security, detect, prevent, hostile, danger, terrorists, undercover, attire, cloth, jacket, shirt, weapon, gun, knife, tear, gas, knife, belt, flashlight, flash, light, metal, detect, team, officer, personnel, police, duty, kit, utility, police, search, detect, react, SDR, state...

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>
</tr>
</thead>
<tbody>
<tr>
<td>X Y</td>
<td>US 2009/01 15603 A1 (Tabe) 07 May 2009 (07.05.2009), para [0021], [0022], [0060], [0079], [0082], [0085], [0087], [0093], [0103], [0111], [0124]</td>
<td>1, 4-6, 19</td>
</tr>
<tr>
<td>A</td>
<td>US 6,088,831 A1 (Jensen et al.) 18 July 2000 (18.07.2000), col. 1, ln. 11-16</td>
<td>2, 3, 7-9, 20, 21</td>
</tr>
<tr>
<td>A</td>
<td>US 2005/0003797 A1 (Baldwin) 06 January 2005 (06.01.2005), entire document</td>
<td>1-9, 19-21</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

* Special categories of cited documents
  "A" - document defining the general state of the art which is not considered to be of particular relevance
  "E" - earlier application or patent but published on or after the international filing date
  "L" - document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
  "O" - document referring to an oral disclosure, use, exhibition or other means
  "P" - document published pr or to the international filing date but later than the priority date claimed
  "R" - later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  "x" - document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
  "y" - document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
  "&" - document member of the same patent family

Date of the actual completion of the international search: 18 May 2010 (18.05.2010)

Date of mailing of the international search report: 16 JUN 2010

Authorized officer: Lee W. Young

PCT/ISA/210 (second sheet) (July 2009)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. **Claims Nos**
   - Because they relate to subject matter not required to be searched by this Authority, namely...

2. **Claims Nos**
   - Because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically...

3. **Claims Nos**
   - Because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 64(a).

This International Searching Authority found multiple inventions in this international application, as follows:

- **Group I**: Claims 1-9 and 19-21 are directed to a method for enabling security personnel to detect and prevent hostile activity using a detection and prevention system which enables the personnel to identify various search, detect and react (SDR) states and react accordingly.

- **Group II**: Claims 10-18 are directed to a method for training security personnel by performing indoor and field training.

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**Box No. III**  
**Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This international search report covers all searchable claims.

- **As all required additional search fees were timely paid by the applicant**, this international search report covers all searchable claims.
- **As all searchable claims could be searched without effort justifying additional fees**, this Authority did not invite payment of additional fees.
- **As only some of the required additional search fees were timely paid by the applicant**, this international search report covers only those claims for which fees were paid, specifically claims Nos...

- **No required additional search fees were timely paid by the applicant. Consequently**, this international search report is restricted to the invention first mentioned in the claims, it is covered by claims Nos 1-9 and 19-21 (Group I).

**Remark on Protest**
- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.
Continuation of Box No. III Observations where unity of invention is lacking

The special technical features of Group I are providing a security system including a belt, communication system, weapon, etc. to be carried by a security official for implementing a method of detecting, within a secured site, suspicious activity and declaring different SDR states, where different SDR states require different responses by the security official.

The special features of Group II are training security personnel by providing indoor training using a theoretical background, field training, and a wrap up session which includes evaluating the training. These features are not present in Group I.

Unity of invention is lacking under PCT Rule 13.1, because Groups I and II do not share a same or corresponding special technical feature.