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61/227,199 21 July 2009 (21.07.2009) US(71) Applicant (for all designated States except US): **CLEAR PATH TECHNOLOGIES, INC.** [US/US]; 561 West Rincon Street, Corona, CA 92880 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHUANG, Tsuey, Fen** [US/US]; 2 Newton Court, Irvine, CA 92617 (US). **MORRISON, David, F. II** [US/US]; 14927 Mission Street, Hesperia, CA 92345 (US). **SINCLAIR, Richard, Calvin** [US/US]; 480 Sleeping Indian Road, Oceanside, CA 92057 (US). **SLACK, Bryan, Lee** [US/US]; 7585 Apache Trail, Yucca Valley, CA 92284 (US). **SPILL-MANN, Roger, W.A.** [US/US]; 16293 Windham Road, Riverside, CA 92503 (US). **STANICH, Vladimir** [US/US]; 13140 Neddick Avenue, Poway, CA 92604 (US).(74) Agent: **MIND LAW FIRM, P.C.**; 2424 S.E. Bristol Street, Suite 300, Newport Beach, CA 92660 (US).

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## Declarations under Rule 4.17:

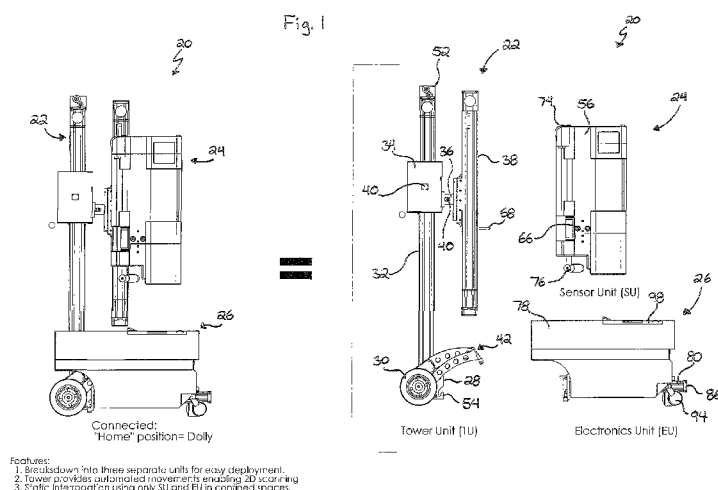
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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[Continued on next page]

(54) Title: PORTABLE DETECTION APPARATUS



(57) Abstract: A portable detection apparatus for scanning a target object comprises, in an exemplary embodiment, a tower unit, sensor unit and electronics unit, each configured for removable engagement with one another for relatively quick disassembly during transport and storage and reassembly during use. Additionally, each unit is sized and configured for ease of transport and for being able to operate in relatively confined spaces. The sensor unit is configured for selective engagement with a vertically oriented tower column of the tower unit, and is capable of not only traversing the length of the tower column but also rotating both horizontally and vertically thereabout, allowing the sensor unit to articulate and be selectively positionable adjacent the target object regardless of the target object's location. The electronics unit is selectively engagable with the tower unit and provides a portable computing device configured for remotely operating the sensor unit a safe distance away.



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