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Filed on 20 February 2008 (20.02.2008)(71) Applicant (for all designated States except US): **TRIMBLE NAVIGATION LIMITED** [US/US]; 935 Stewart Drive, Sunnyvale, California 94085 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RILEY, Stuart** [US/US]; 3761 Caravella Drive, San Jose, California 95117 (US). **CARTMELL, Andrew, Peter, John** [US/US]; 462 Grant Avenue, Palo Alto, California 94306 (US).(74) Agents: **GALLENSON, Mavis, S.** et al.; Ladas & Parry LLP, 5670 Wilshire Boulevard, Ste. 2100, Los Angeles, California 90036 (US).

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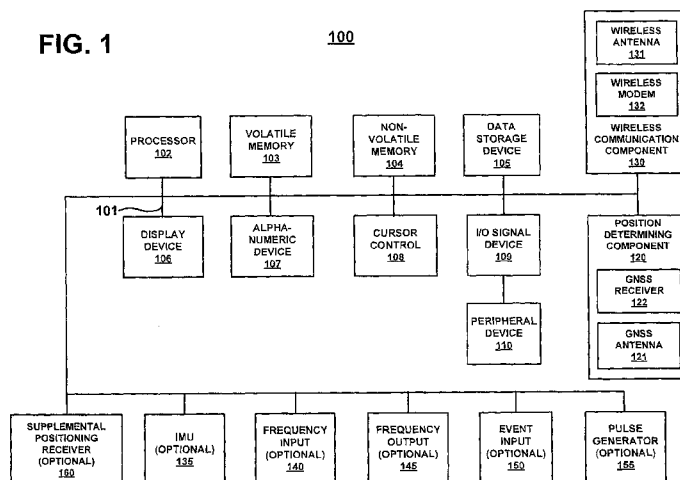
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(54) Title: SAMPLE DECIMATION IN A GNSS RECEIVER

FIG. 1

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(57) Abstract: Embodiments of the here described set forth methods and systems for processing Global Navigation Satellite System (GNSS) signals. In one embodiment, at least one wide-band Radio Frequency (R/F) filter of a signal processing pathway is utilized to pass a plurality of signals from a plurality of satellite navigation systems as a combined signal set. The plurality of signals of the plurality of satellite navigation systems is split based upon the respective frequency of each of the plurality of signals to facilitate reducing the clock rate used to subsequently process each of the plurality of signals.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/033099**A. CLASSIFICATION OF SUBJECT MATTER****G01S 5/14(2006.01)i**

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)

IPC G01S

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

Korean Utility models and applications for Utility models since 1975
Japanese Utility models and applications for Utility models since 1975

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

eKOMPASS(KIPO internal), IEEEExplore, ScienceDirect & Keyword: "GNSS, GPS, Galileo, GLONASS, multiple, RF, IF"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US20070096980 A1 (Zlatan Gradincic) 03 May 2007 See the Abstract, Fig. 2	1
Y	US20020004708 A1 (Pierre-Andre Farine) 10 January 2002 See the Abstract, Claim 1	1
A	US07321754 B2 (Emil Zellweger) 22 January 2008 See the Abstract, Fig. 2, 3	1-25
A	US20050185700 A1 (Samuli Pietila) 25 August 2005 See the Abstract, Claim 1	1-25

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

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Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-
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Authorized officer

Jang Seok Hwan

Telephone No. 82-42-481-8250



INTERNATIONAL SEARCH REPORT

Information on patent family members

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