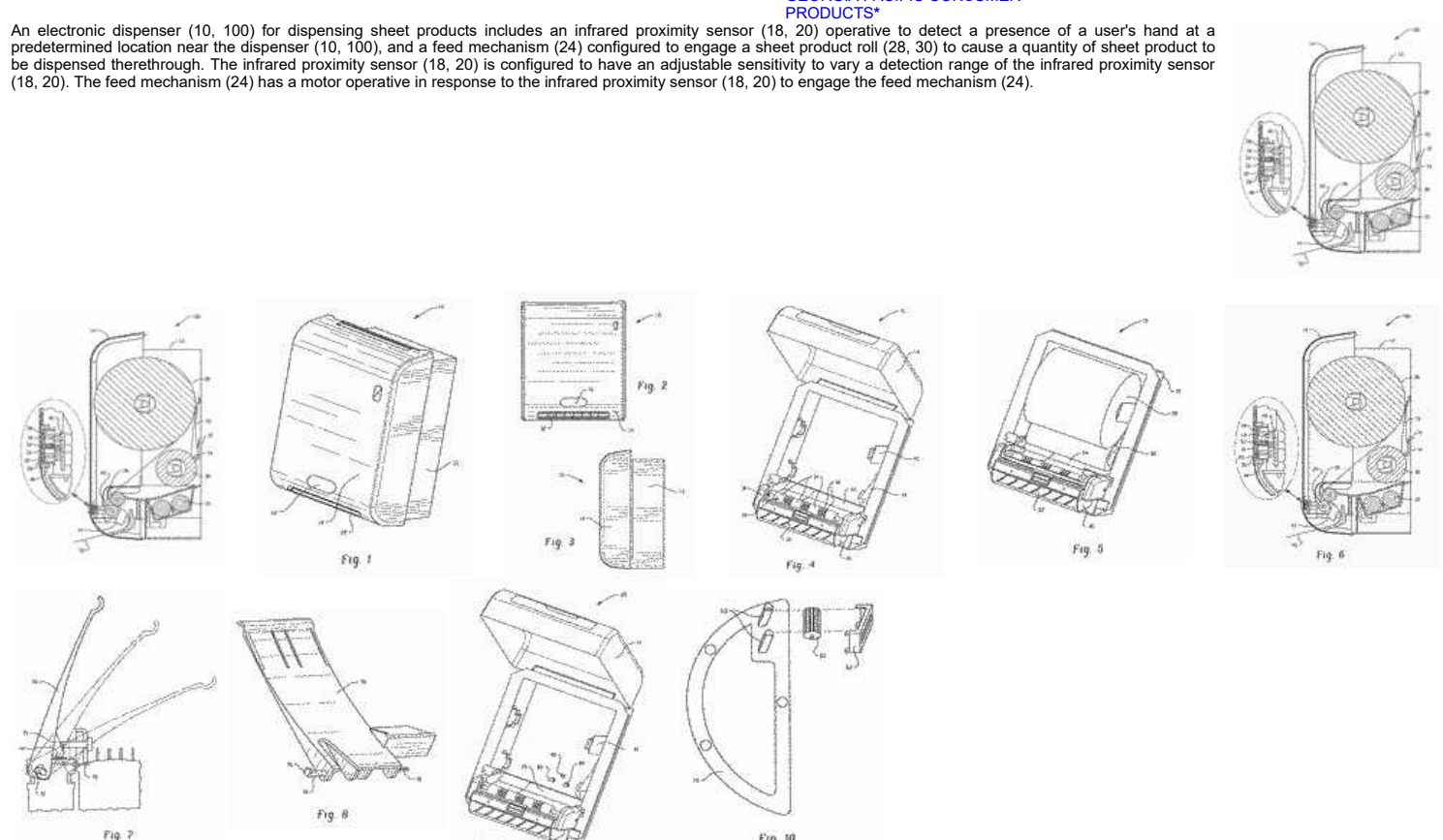
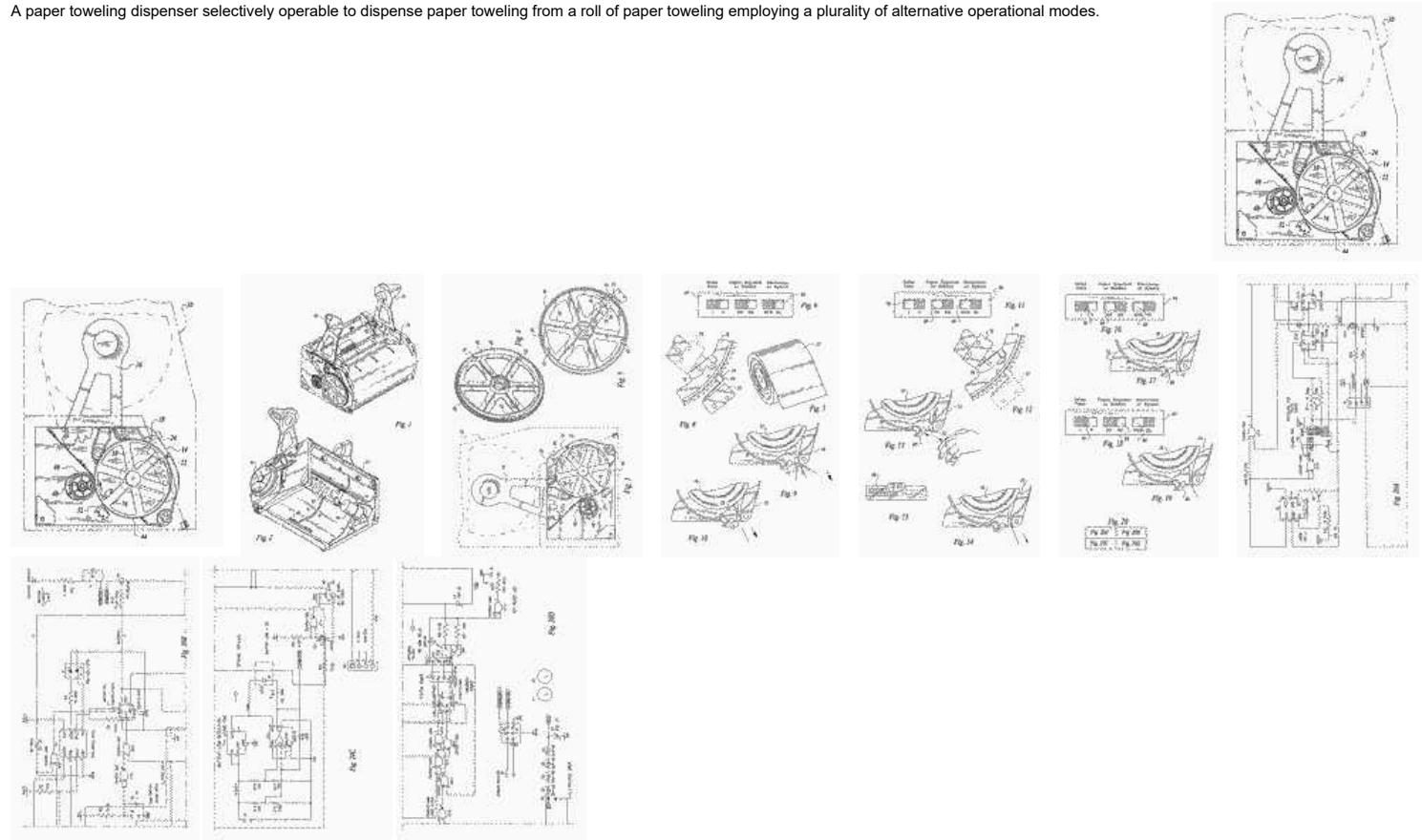


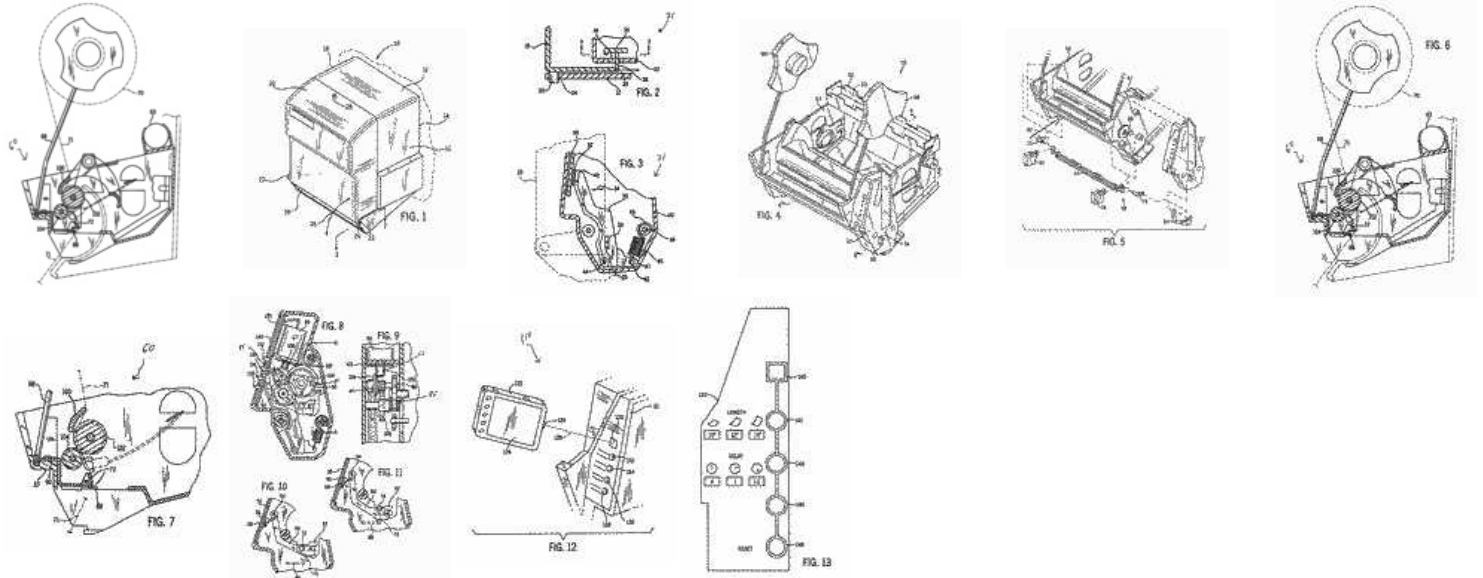
5 results for Cited Patents In any categories - Collection: FAMPAT

#	Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date
1.	Electronic dispenser for dispensing sheet products	US2007194166	2007-02-16	DZHORDZHIJA PEHSIFIK KONS JUMER PRODAKTS GEORGIA PACIFIC CONSUMER PRODUCTS*	2007-08-23
An electronic dispenser (10, 100) for dispensing sheet products includes an infrared proximity sensor (18, 20) operative to detect a presence of a user's hand at a predetermined location near the dispenser (10, 100), and a feed mechanism (24) configured to engage a sheet product roll (28, 30) to cause a quantity of sheet product to be dispensed therethrough. The infrared proximity sensor (18, 20) is configured to have an adjustable sensitivity to vary a detection range of the infrared proximity sensor (18, 20). The feed mechanism (24) has a motor operative in response to the infrared proximity sensor (18, 20) to engage the feed mechanism (24).					
					
2.	Multi-function paper toweling dispenser	WO2010138106	2009-05-27	DISPENSING DYNAMICS INTERNATIONAL* SAN JAMAR*	2010-12-02

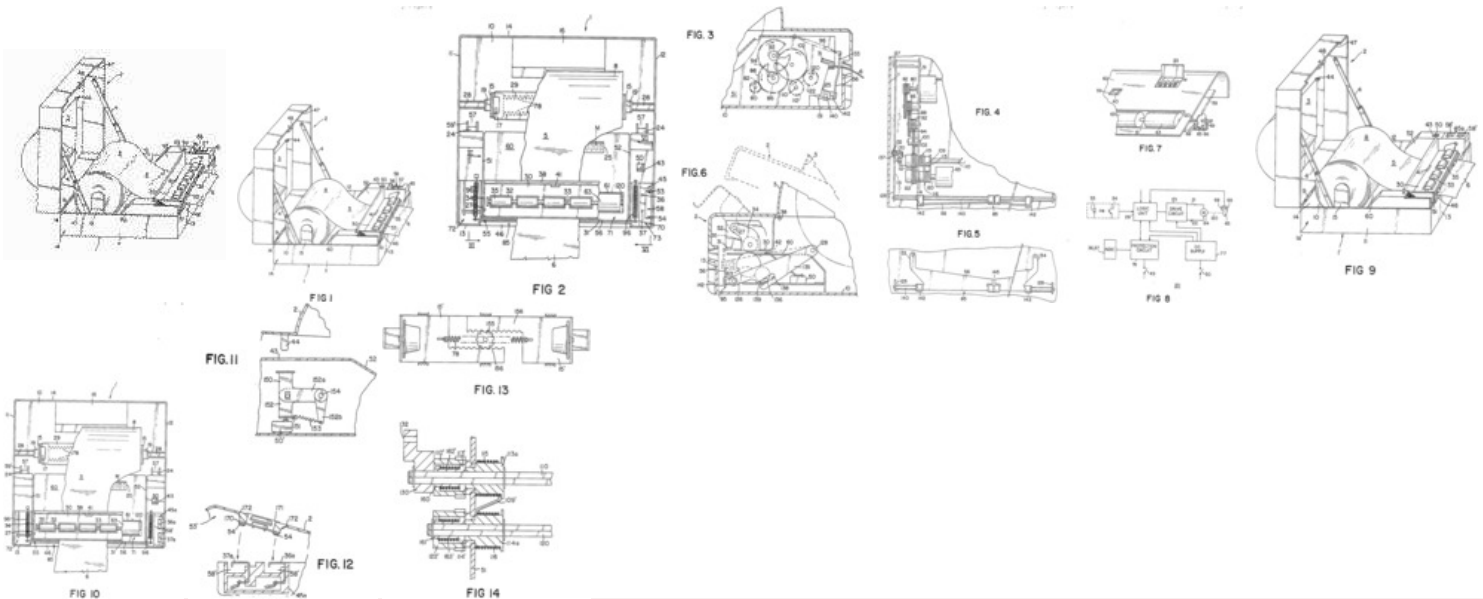
A paper toweling dispenser selectively operable to dispense paper toweling from a roll of paper toweling employing a plurality of alternative operational modes.



An electronically controlled roll tower dispenser (10) with a data communication system. The dispenser automatically dispenses a predetermined length of paper toweling from the supply roll (70) after a length of toweling has been detached by a user pulling and tearing the protruding toweling against a stationary cutting blade. The dispenser is battery powered by an electric motor, an electromechanical dispensing mechanism, and an embedded microcontroller for controlling and monitoring operation of the dispenser. In addition to primary control functions, the microcontroller monitors parameters such as battery condition, towel usage, system status, system errors, and unsafe operating conditions. Pushbutton switches (132, 134, 136, 138) are also provided for programming towel length and the dispense delay. The dispenser further includes an optical transmitter for transmitting visual and infrared data to a receiving device. Useful information about the status of the dispenser can be visibly discerned by an operator through the use of primitive low-speed flash patterns, while high-speed infrared digital data can be simultaneously embedded in or multiplexed with the visible data.



An apparatus for dispensing paper towels of predetermined length includes a case, a supply roll of a continuous paper web, a mechanism for advancing the paper web outside the case, a mechanism for at least partially cutting the paper web protruding from the case, and a motor for driving both mechanisms, the motor shaft being rotated in a first direction until a paper web of predetermined length is advanced outside the case and then reversed so that the paper advancement is stopped and the paper web is cut. A first unidirectional coupler is arranged between the motor and the advancing mechanism and a second unidirectional coupler is arranged between the motor and the cutting mechanism to selectively actuate either of the advancing or cutting mechanisms according to the rotational direction of the motor shaft. The length of the dispensed towel is an integral multiple of an elementary length and the number of elementary lengths by which the paper web is advanced before being cut is switch selectable. In one embodiment, the start-up circuit includes a photoelectric arrangement affording non-contact type activation of the apparatus by a user, and in another embodiment, which is battery operated, includes a microswitch adapted for direct operation by a user.



The present invention is a dispenser that, in one embodiment, includes a support for a roll of web material, a drive roller cooperating with an idler roller to feed web material supported by the roll support, and a mouth through which the web material is dispensed which has a floor but not a roof such that the web material does not jam when dispensed through the mouth. In another embodiment, the mouth is slot shaped. In various embodiments of the invention with either a slot shaped mouth or a wide mouth without a roof, a sensor is provided for selectively activating a drive motor in response to an incursion into a sensing field, wherein the sensor comprises an infrared emitter and receiver.

