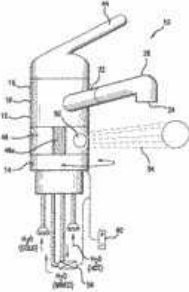
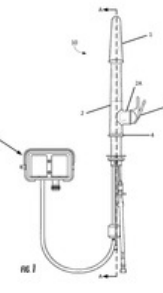
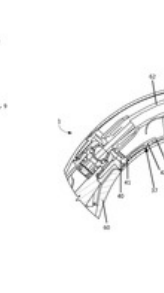
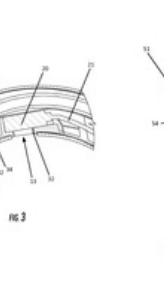
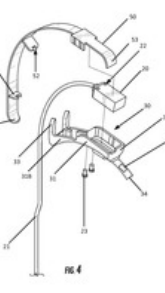
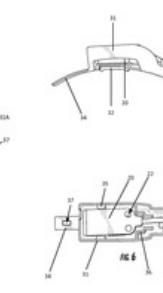


3 results for Cited Patents In category X or Y - Collection: FAMPAT

#	 Title	Publication number	1st app. date	Applicant/Assignee	1st publ. date	Publ. date	
1.	 Proximity faucet having selective automatic and manual modes	WO2006076149	2005-12-22	AMERICAN STANDARD AMERICAN STANDARD INT IDEAL STANDARD*	2006-07-20	2006-07-20	
A proximity faucet is provided that includes a housing, faucet and lever support portions and a peripheral housing wall with a spout portion having a neck extending outward from the housing wall and a fluid outlet at a free extent thereof. The faucet support portion accommodates an elongate shank extending downwardly therefrom and having at least one fluid supply conduit therein. The lever support portion receives a mixing cartridge therein that mixes cold and hot water delivered by the fluid supply conduit. The lever support portion supports a freely rotatable lever thereon. The lever is coupled to the mixing cartridge such that rotation of the lever adjusts the water temperature and flow rate. A sensor cover ring that is rotatably disposed adjacent the housing wall includes a reflective surface along an inner surface thereof that lies adjacent the housing wall. The proximity detector, which is in electrical communication with an electronically controlled valve that is positioned downstream of the mixing cartridge, transmits a signal to the electronically controlled valve upon sensing an object or upon concealment of the proximity detector by the sensor cover ring, thereby maintaining the mixing cartridge in an open position. The proximity detector is correspondingly rotatable with the spout portion as the spout portion rotates relative to a receptacle proximate which the faucet is used. A proximity filter faucet having selective automatic and manual modes is also disclosed.							
2.	 System and method to detect and communicate faucet valve position	EP2700856	2013-03-11	KOHLER*	2014-02-26	2014-02-26	
A system 400 for detecting and communicating a mechanical valve position in a faucet is provided. The system includes a mechanical valve 410 having an open state and a closed state, a control stem 6 configured to selectively operate the valve 410 between the open state and the closed state, a member 411 movable between an open position and a closed position in response to operation of the mechanical valve 410 between the open state and the closed state. The system further includes a ring 420 disposed at least partially around the mechanical valve 410 and having a switch 440 disposed on the ring 420. Moving the member 411 from the closed position to the open position actuates the switch 440.							
         							

A hands-free faucet comprises a proximity sensor, a logical control, a handle, a spout, and a touch control operably coupled to at least one of the spout and the handle.

