

January 2022 Update			Knowles Sensor Patent List				
Patent ID	Country	Status	Title	Appl No	Filing Date	Patent / Pub No	Issue Date
A-0094-US-02	US	Granted	Two Microphone Uplink Communication And Stereo Audio Playback On Three Wire Headset Assembly	13568989	8/7/2012	8363823	1/29/2013
A-0109-US	US	Granted	Selection of System Parameters Based on Non-Acoustic Sensor Information	13529809	6/21/2012	8787587	7/22/2014
A-0149 P1-US	US	Granted	Personalized Operation of a Mobile Device Using Sensor Signatures	15098177	4/13/2016	10,353,495	7/16/2019
A-0149-US-02	US	Granted	Personalized Operation of a Mobile Device Using Acoustic and Non-Acoustic Information	14542327	11/14/2014	9772815	9/26/2017
A-0154-US-02	US	Granted	Real Time Monitoring of Acoustic Environments Using Ultrasound	14549325	11/20/2014	9532155	12/27/2016
A-0155-US-02	US	Granted	Method for Modeling User Possession of Mobile Device for User Authentication Framework	14548207	11/19/2014	9781106	10/3/2017
A-0162-US-02	US	Granted	Estimating and Tracking Multiple Attributes of Multiple Objects from Multi-Sensor Data	14666312	3/24/2015	9500739	11/22/2016
A-0200-US	US	Granted	Host System and Method for Determining an Attitude of a Device Undergoing Dynamic Acceleration	12338996	12/18/2008	8223121	7/17/2012
A-0203-US-02	US	Granted	SYSTEM AND METHOD FOR COMPENSATING FOR DRIFT IN A DISPLAY OF A USER INTERFACE STATE	13165690	6/21/2011	8957909	2/17/2015
A-0205-US-02	US	Granted	System and Method for Device Self-Calibration	13734694	1/4/2013	9459276	10/4/2016
A-0211-US-02	US	Granted	Selecting Feature Types to Extract Based on Pre-Classification of Sensor Measurements	13939126	7/10/2013	8775128	7/8/2014
A-0213-US-02	US	Granted	Combining Monitoring Sensor Measurements and System Signals to Determine Device Context	14090966	11/26/2013	9726498	8/8/2017
A-0214-US	US	Granted	Rolling Gesture Detection Using an Electronic Device	14066578	10/29/2013	8907893	12/9/2014
A-0215-US	US	Granted	System and Method for Determining an Attitude of a Device Undergoing Dynamic Acceleration	14069318	10/31/2013	9152249	10/6/2015
A-0216-US-02	US	Granted	Determining a Spatial Relationship between Different User Contexts	14683057	4/9/2015	9807725	10/31/2017
K-0239-US	US	Published	MEMS Ultrasonic Transducer	16322463	7/28/2017	20210399652	