Shenzhen Trifo Technology Co., Ltd.

Date 2021-09-15

To: SGS North America Inc.
620 Old Peachtree Road
SUITE 100
Suwanee, Georgia
United States

Subject: **FCC Class II Permission Change Request for FCC ID:** 2ARYN-MAX-S

Dear Sir/Madam,

This is to request a Class II Permission Change Request for FCC ID: 2ARYN-MAX-S, originally granted on 2020-01-09.

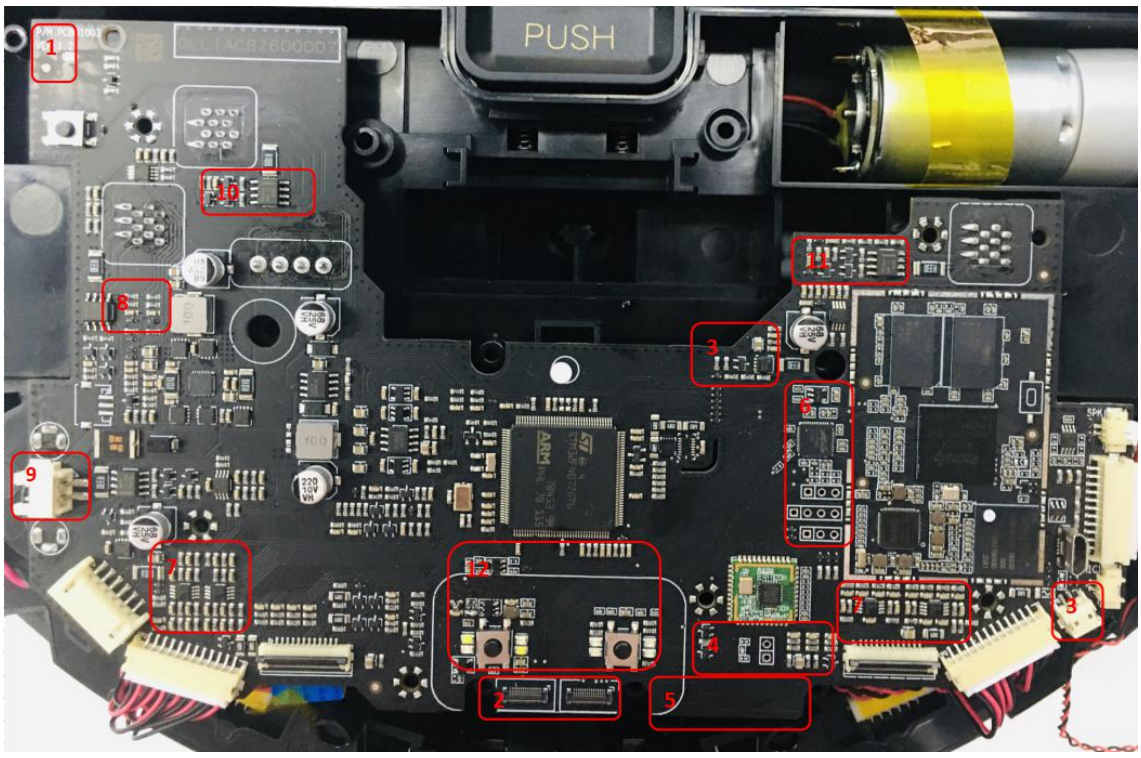
The Major change filed under this application is:

The newly developed project of our company is highly consistent with the registered products, using the same model of wifi module and PCBA design.Information about changes to registered products is mainly as follows:

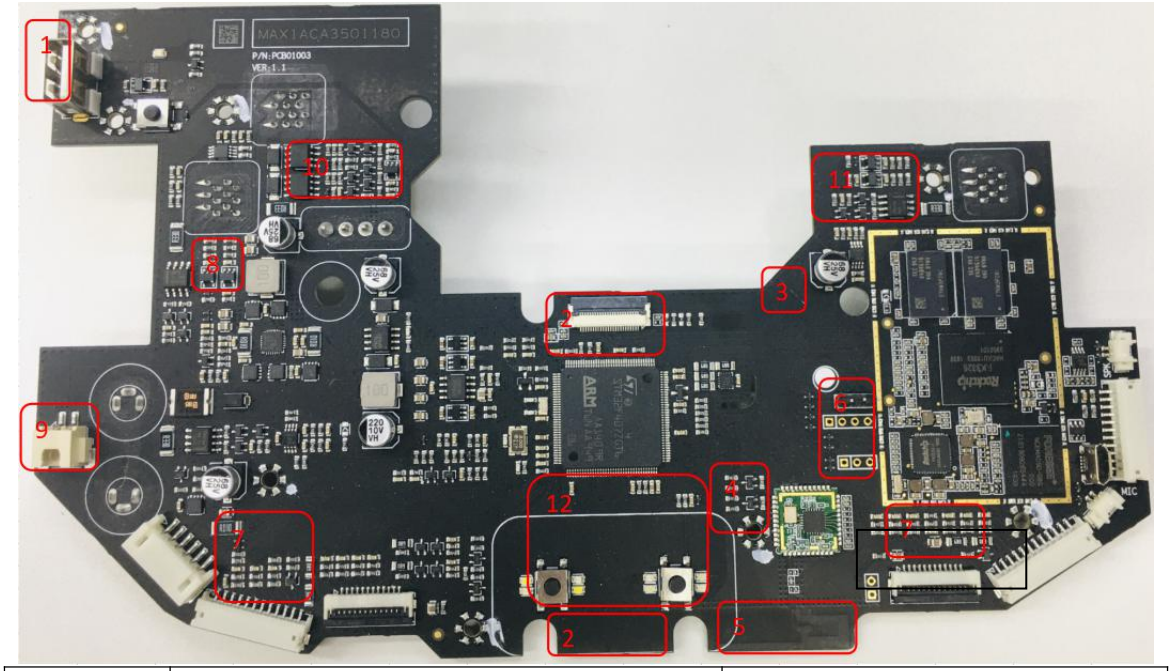
1. Keep the original model,increase product model:OLL-M\OLL-U\OLL-P\OLL-S

2. The comparison of PCBA differences:

The PCBA of the newly added model product：

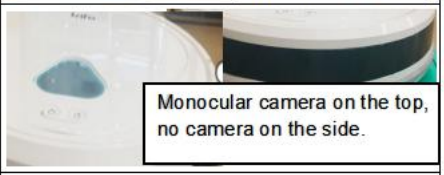
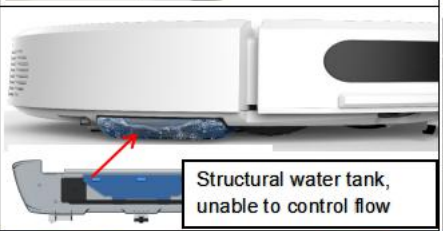
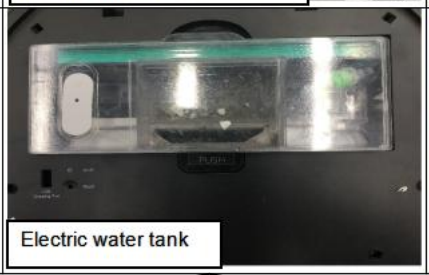
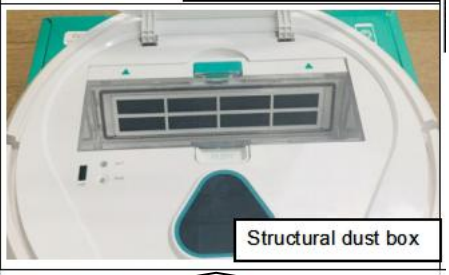


The PCBA of the registered product：



Differential position No.	The PCBA of the newly added model product(OLLIE)	The PCBA of the registered product(MAX)
1	Cancel the USB.	The USB.
2	Connect binocular camera.`	Connect a monocular camera.
3	Increase the control circuit and interface of the electric water tank.	No control circuit of electric water tank.
4	Control LED lamp circuit movement position, does not belong to the wireless module circuit.	Control LED lamp circuit.
5	The antenna direction adjustment, The antenna gain does not change after adjusting the antenna direction.	The Original antenna direction
6	Add binocular camera circuit	No binocular camera circuit
7	Optimize drop sensor circuit	The Original circuit
8	Remove wheel encoder buffer circuit, optimize circuit	The Original circuit
9	Adjust the connector orientation to fit the structural space	The Original position
10	Simplified circuit structure	The Original circuit
11	Adjust the layout to fit the structural position	The Original position
12	Add binocular camera circuit	No binocular camera circuit

3.The comparison of product shell differences:

1	Shell-flip top	The overall design is black and gold	The whole is white
2	Shell-the bump	Side binocular camera design	 Monocular camera on the top, no camera on the side.
3	Shell-the bottom cover	The bottom is not a water tank, it's mopping the floor	 Structural water tank, unable to control flow
4	Dust box	 Electric water tank	 Structural dust box

The newly added model product

The registered product

4. Changed the product name from " Trifo Home Surveillance Robot Vacuum " to "AI Home Robot

If you have any questions regarding this application, please free to contact me.

Yours Sincerely,
Signature
Contact name: weiyu.bai
Company Name: Shenzhen Trifo Technology Co., Ltd.