

FP:("Bisu Inc")

6 results Offices all Languages en Stemming true Single Family Member false Include NPL false

## ANALYSIS

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Countries	Applicants	Inventors	IPC code	Publication Dates	
PCT	2	BISU INC 6	BULA, WOJCIECH 2	B01L 4	2021 3
Australia	1	DANIEL MAGGS 1	DANIEL MAGGS 2	B01J 3	2022 3
Canada	1	GEN SUZUKI 1	GEN SUZUKI 2	B81C 3	
Israel	1	PETER CHRISTIAN SOMMER 1	MAGGS, DANIEL 2	G01N 1	
United States of America	1	WOJCIECH BULA 1	PETER CHRISTIAN SOMMER 2		
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Machine translation

1. [WO/2022/150059](#) MICROFLUIDIC SYSTEM, DEVICE AND METHOD

WO - 14.07.2022

Int.Class [B01L 3/00](#) Appl.No PCT/US2021/041706 Applicant BISU, INC. Inventor SUZUKI, Gen

A microfluidic test system is disclosed. The system includes a test substrate including parallel channels and reaction chambers. The reaction chambers are adapted to accommodate optical transmittance, absorbance and reflectance testing. The movement of the fluid within the system is controlled and synchronized in real time with the optical measurements of the reagents and analytes within each individual reaction chamber. The optical testing of each reaction chamber is customized regarding the color and intensity of the source light. The system includes an easy-to-use applicator for the capture of the test fluid and a fully automated measurement and test system. The microfluidic test system may be incorporated into clothing or apparel such as in a diaper. A device and method are also disclosed.

2. [WO/2021/142044](#) MICROFLUIDIC SYSTEM, DEVICE AND METHOD

WO - 15.07.2021

Int.Class [B01L 3/50](#) Appl.No PCT/US2021/012384 Applicant BISU, INC. Inventor SUZUKI, Gen

A microfluidic test system is disclosed. The system includes a test substrate including parallel channels and reaction chambers. The reaction chambers are adapted to accommodate optical transmittance, absorbance and reflectance testing. The movement of the fluid within the system is controlled and synchronized in real time with the optical measurements of the reagents and analytes within each individual reaction chamber. The optical testing of each reaction chamber is customized regarding the color and intensity of the source light. The system includes an easy-to-use applicator for the capture of the test fluid and a fully automated measurement and test system. The microfluidic test system may be incorporated into clothing or apparel such as in a diaper. A device and method are also disclosed.

3. [20220118448](#) MICROFLUIDIC SYSTEM, DEVICE AND METHOD

US - 21.04.2022

Int.Class [B01L 3/00](#) Appl.No 17561754 Applicant BISU, INC. Inventor Wojciech Bula

A microfluidic test system is disclosed. The system includes a test substrate including parallel channels and reaction chambers. The reaction chambers are adapted to accommodate optical transmittance, absorbance and reflectance testing. The movement of the fluid within the system is controlled and synchronized in real time with the optical measurements of the reagents and analytes within each individual reaction chamber. The optical testing of each reaction chamber is customized regarding the color and intensity of the source light. The system includes an easy-to-use applicator for the capture of the test fluid and a fully automated measurement and test system. The microfluidic test system may be incorporated into clothing or apparel such as in a diaper. A device and method are also disclosed.

4. [294562](#) MICROFLUIDIC SYSTEM, DEVICE AND METHOD

IL - 01.09.2022

Int.Class [B01L 3/00](#) Appl.No 294562 Applicant Bisu, Inc. Inventor Wojciech BULA

5. [2021206223](#) MICROFLUIDIC SYSTEM, DEVICE AND METHOD

AU - 15.07.2021

Int.Class [B01J 19/00](#) Appl.No 2021206223 Applicant Bisu, Inc. Inventor BULA, Wojciech

A microfluidic test system is disclosed. The system includes a test substrate including parallel channels and reaction chambers. The reaction chambers are adapted to accommodate optical transmittance, absorbance and reflectance testing. The movement of the fluid within the system is controlled and synchronized in real time with the optical measurements of the reagents and analytes within each individual reaction chamber. The optical testing of each reaction chamber is customized regarding the color and intensity of the source light. The system includes an easy-to-use applicator for the capture of the test fluid and a fully automated measurement and test system. The microfluidic test system may be incorporated into clothing or apparel such as in a diaper. A device and method are also disclosed.

6. [3163972](#) MICROFLUIDIC SYSTEM, DEVICE AND METHOD

CA - 15.07.2021

Int.Class [B01J 19/00](#) Appl.No 3163972 Applicant BISU, INC. Inventor SUZUKI, GEN

A microfluidic test system is disclosed. The system includes a test substrate including parallel channels and reaction chambers. The reaction chambers are adapted to accommodate optical transmittance, absorbance and reflectance testing. The movement of the fluid within the system is controlled and synchronized in real time with the optical measurements of the reagents and analytes within each individual reaction chamber. The optical testing of each reaction chamber is customized regarding the color and intensity of the source light. The system includes an easy-to-use applicator for the capture of the test fluid and a fully automated measurement and test system. The microfluidic test system may be incorporated into clothing or apparel such as in a diaper. A device and method are also disclosed.

