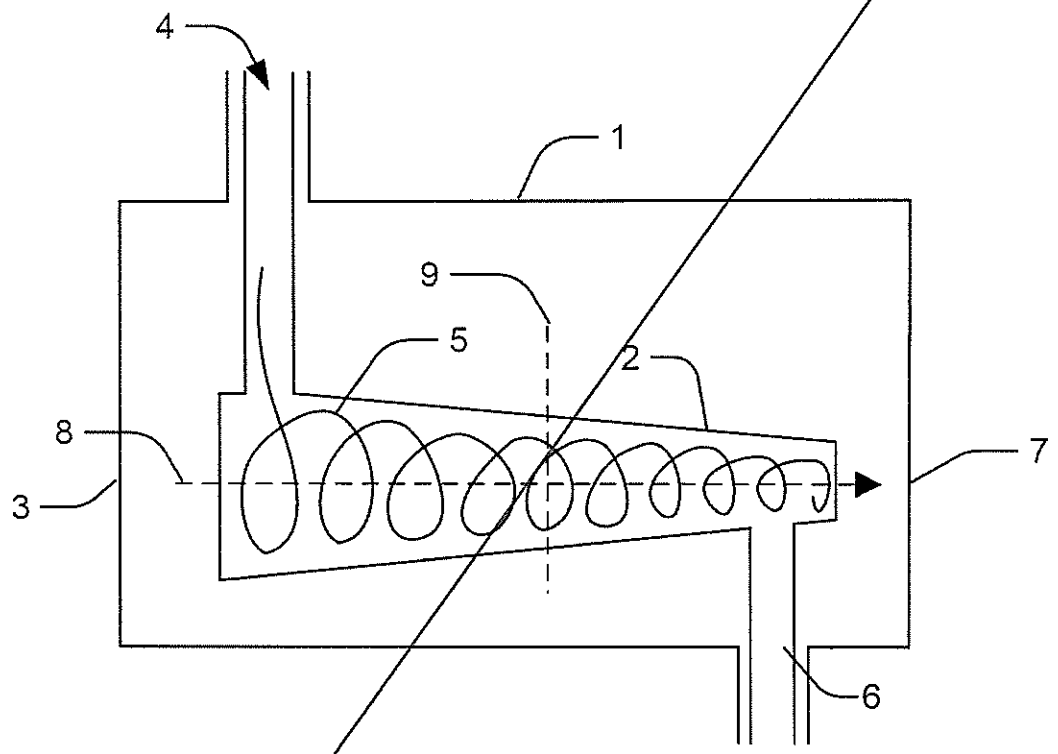


FIG. 1

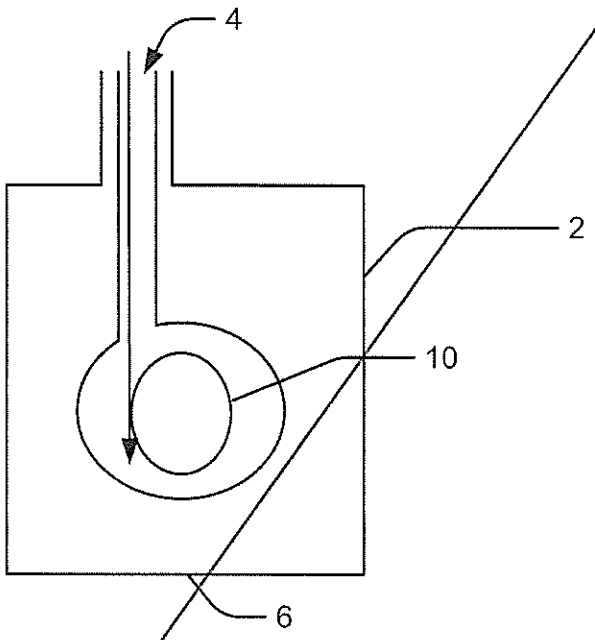


FIG. 2

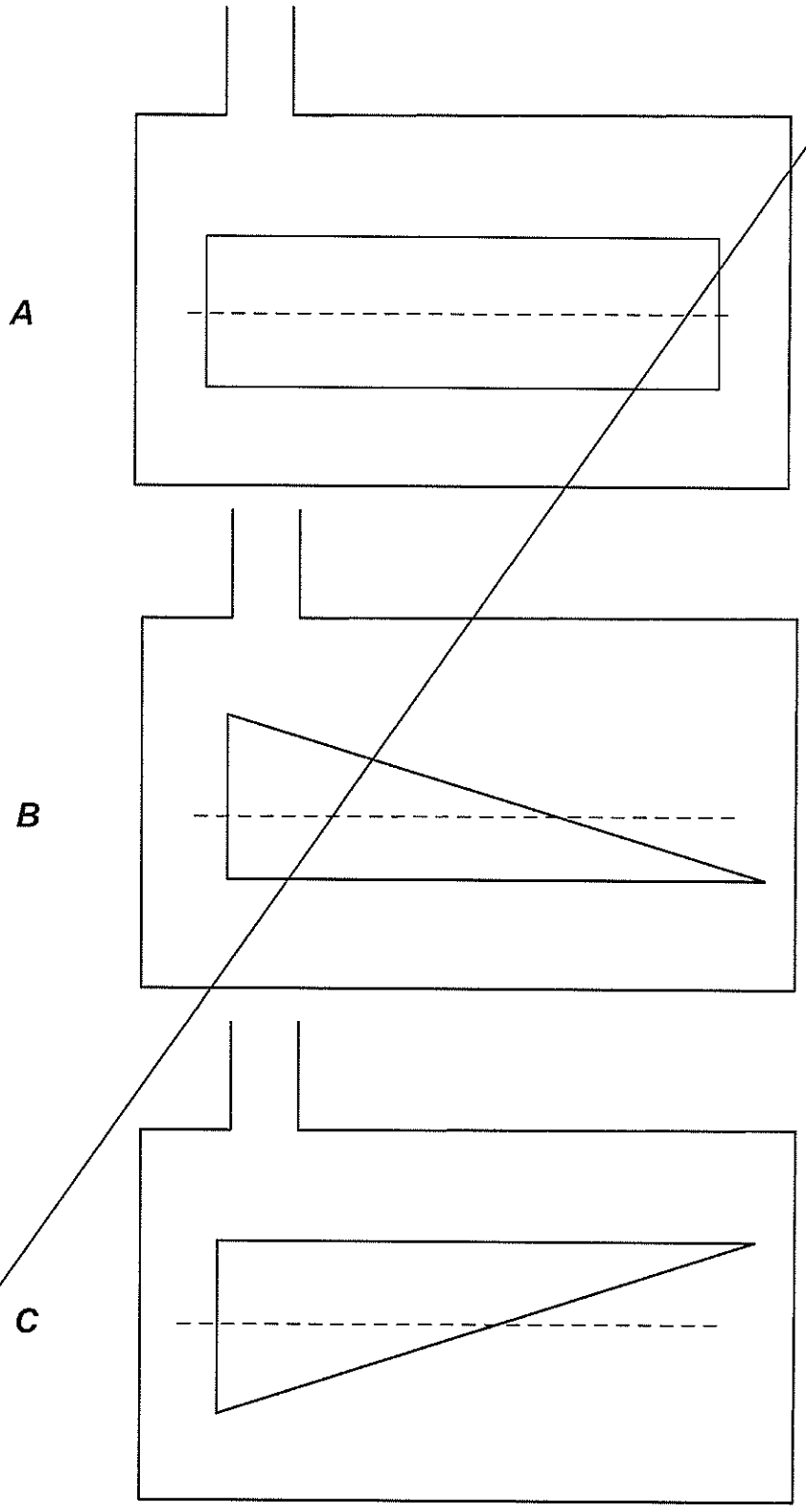


FIG. 3

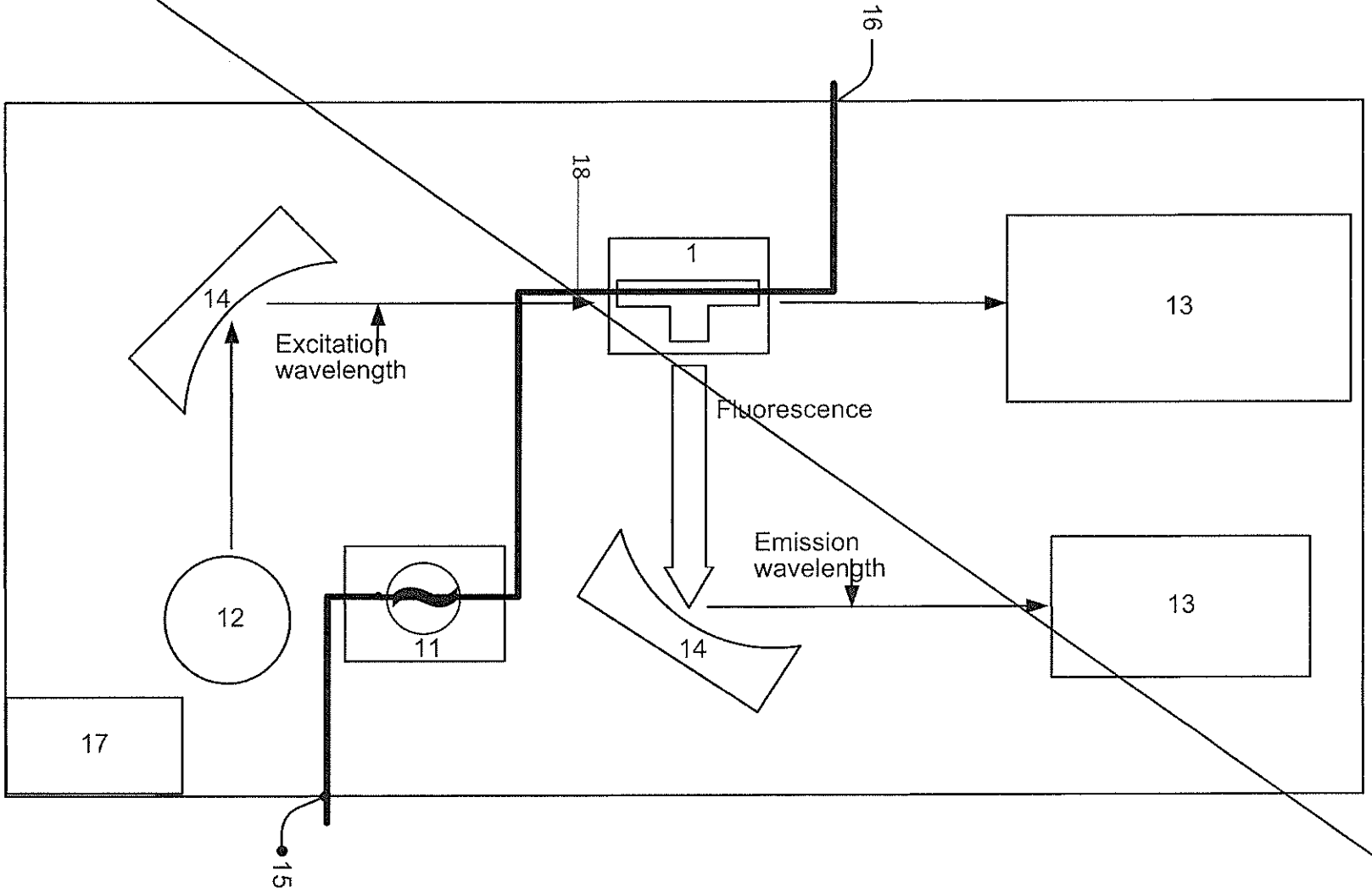

16
18
1
14
Excitation
wavelength
13
Fluorescence
Emission
wavelength
12
11
14
13
17
15

FIG. 4

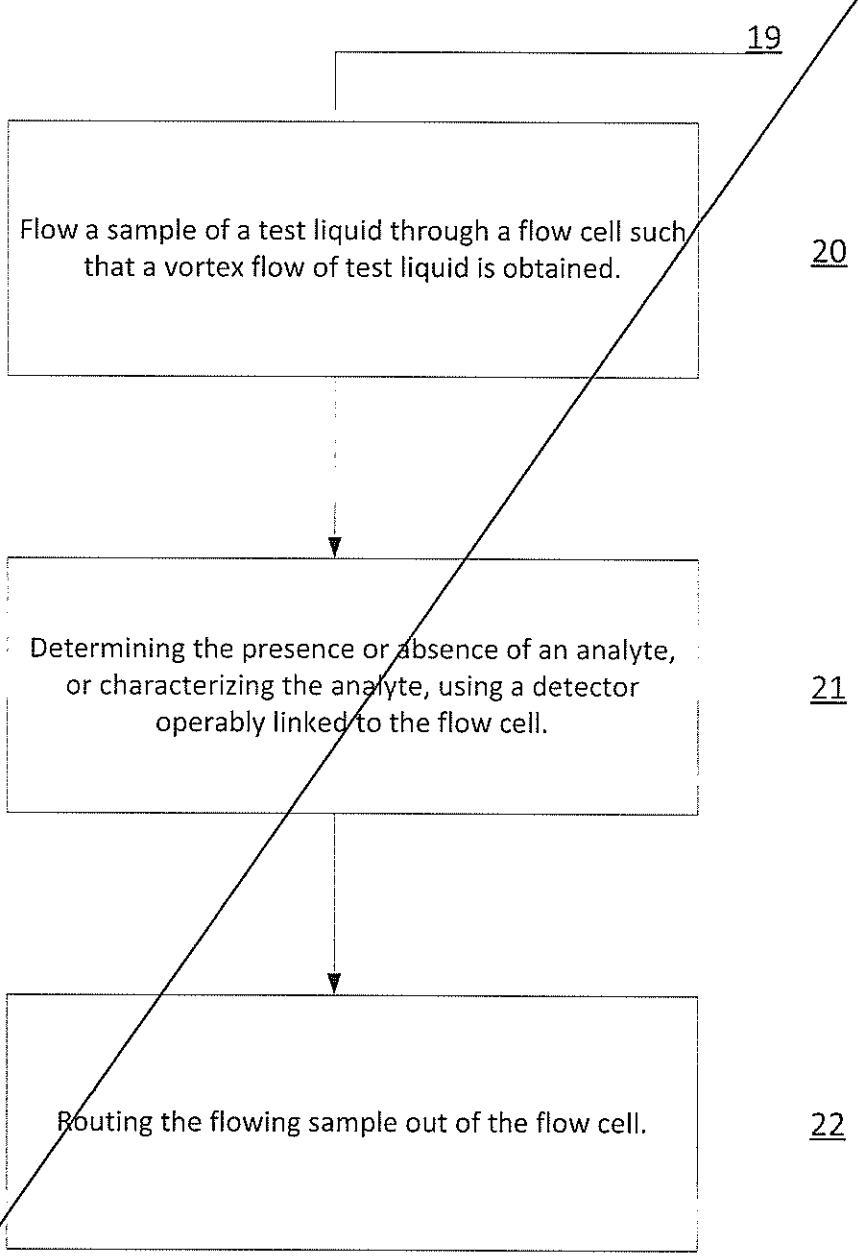

19
Flow a sample of a test liquid through a flow cell such that a vortex flow of test liquid is obtained.
20
Determining the presence or absence of an analyte, or characterizing the analyte, using a detector operably linked to the flow cell.
21
Routing the flowing sample out of the flow cell.
22

FIG. 5

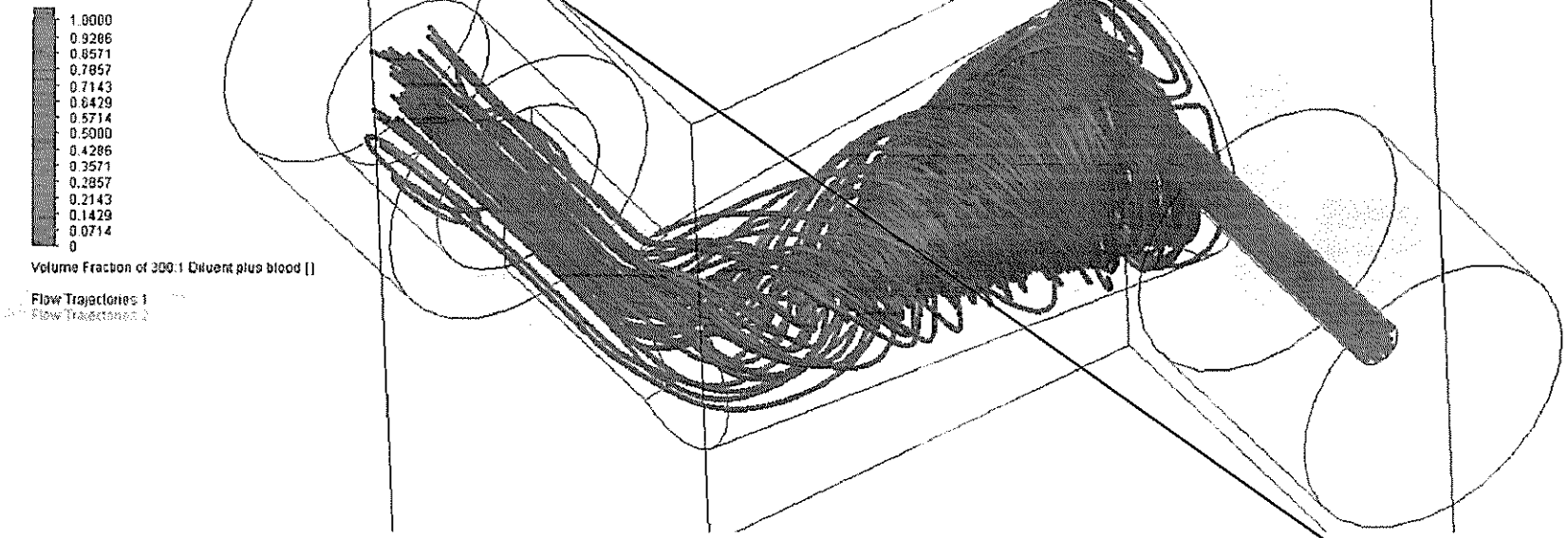

1.0000
0.9286
0.8571
0.7857
0.7143
0.6429
0.5714
0.5000
0.4286
0.3571
0.2857
0.2143
0.1429
0.0714
0
Volume Fraction of 300:1 Diluent plus blood []
Flow Trajectories 1

FIG. 6

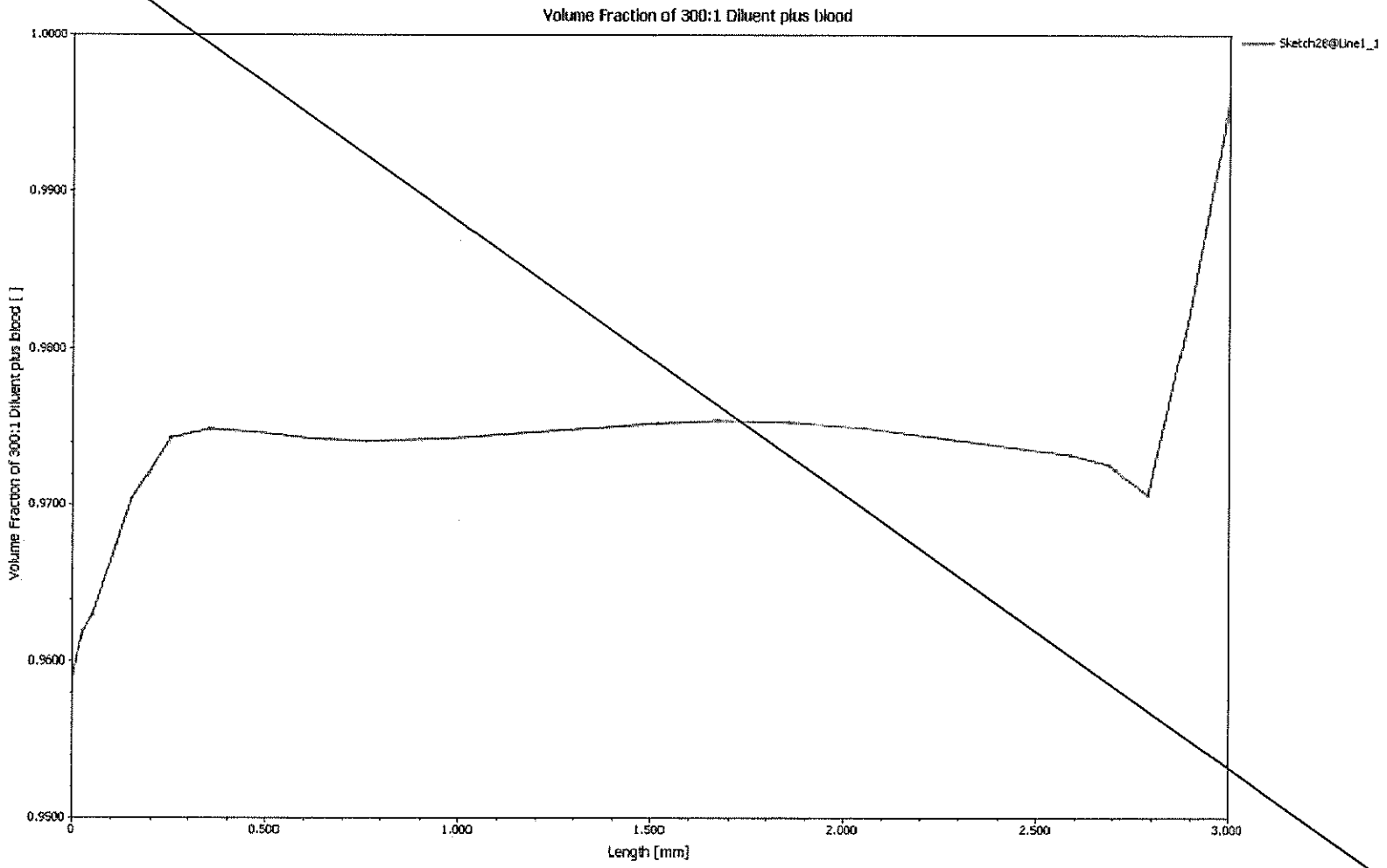

Volume Fraction of 300:1 Diluent plus blood
Sketch28@Line1_1
Volume Fraction of 300:1 Diluent plus blood [ ]
1.0000
0.9900
0.9800
0.9700
0.9600
0.9500
0
0.500
1.000
1.500
2.000
2.500
3.000
Length [mm]

FIG. 7

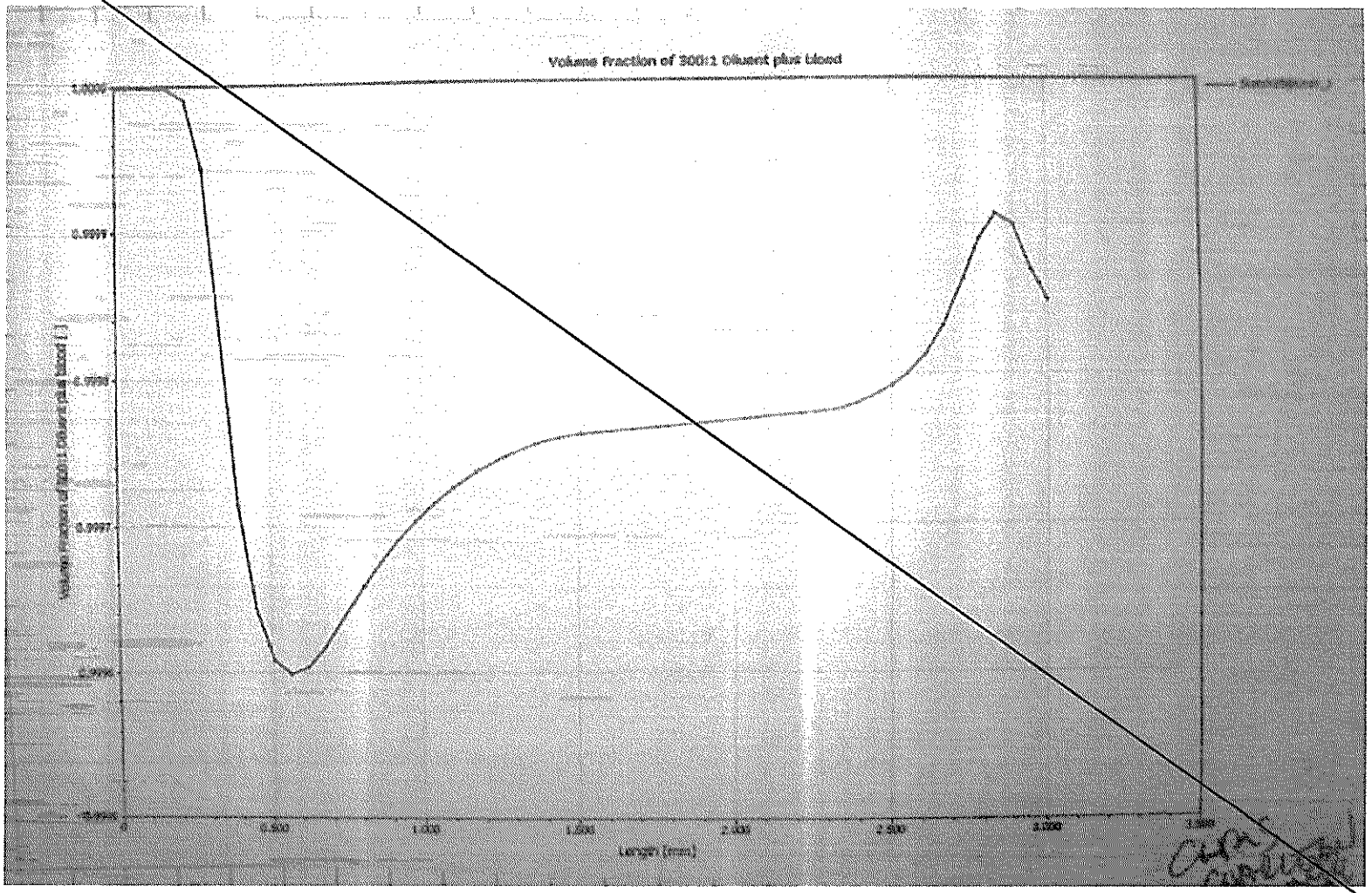

Volume Fraction of 300:1 Diluent plus blood
1.0000
0.9999
0.9998
0.9997
0.9996
0
0.500
1.000
1.500
2.000
2.500
3.000
Length (mm)

FIG. 8

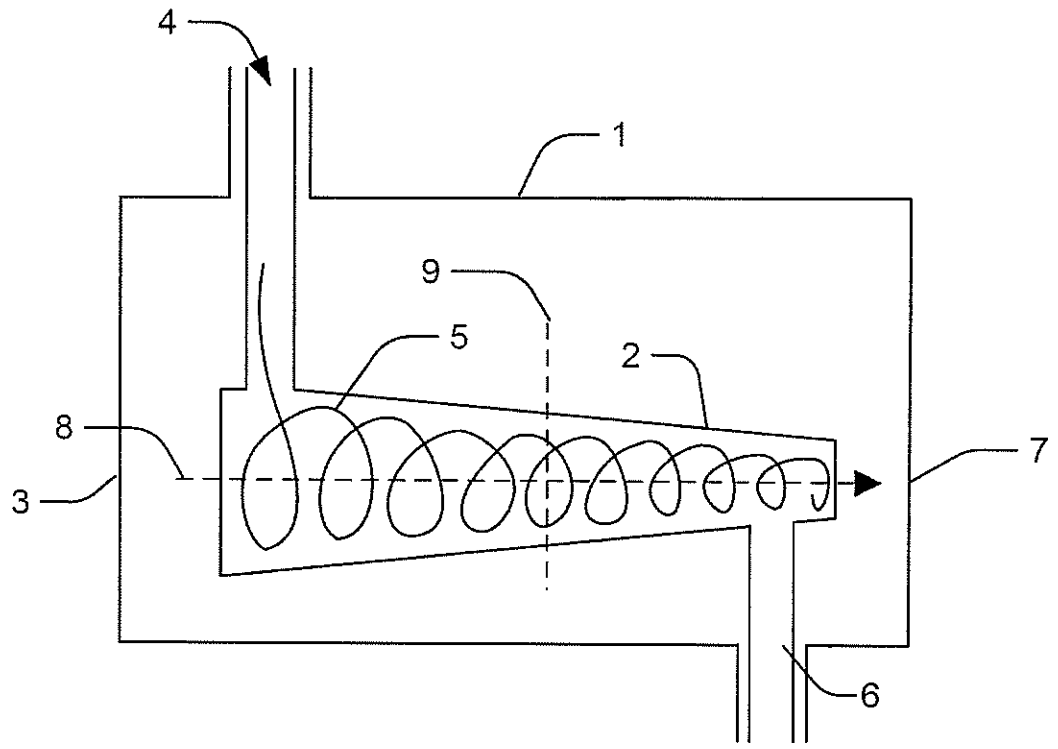


FIG. 1

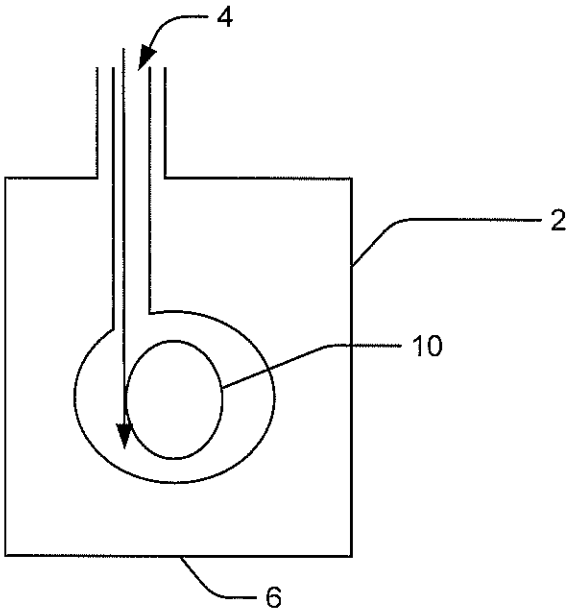


FIG. 2

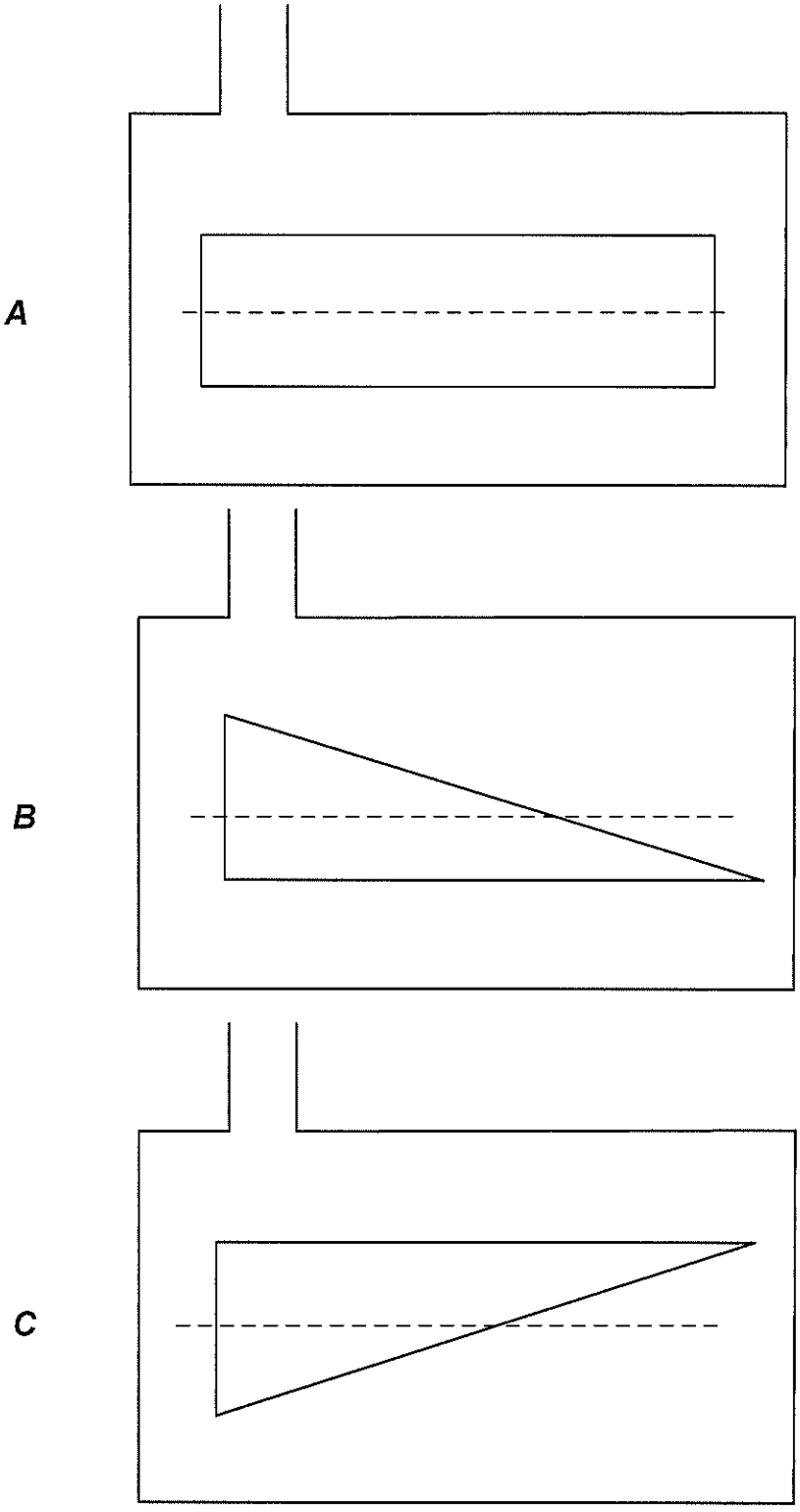


FIG. 3

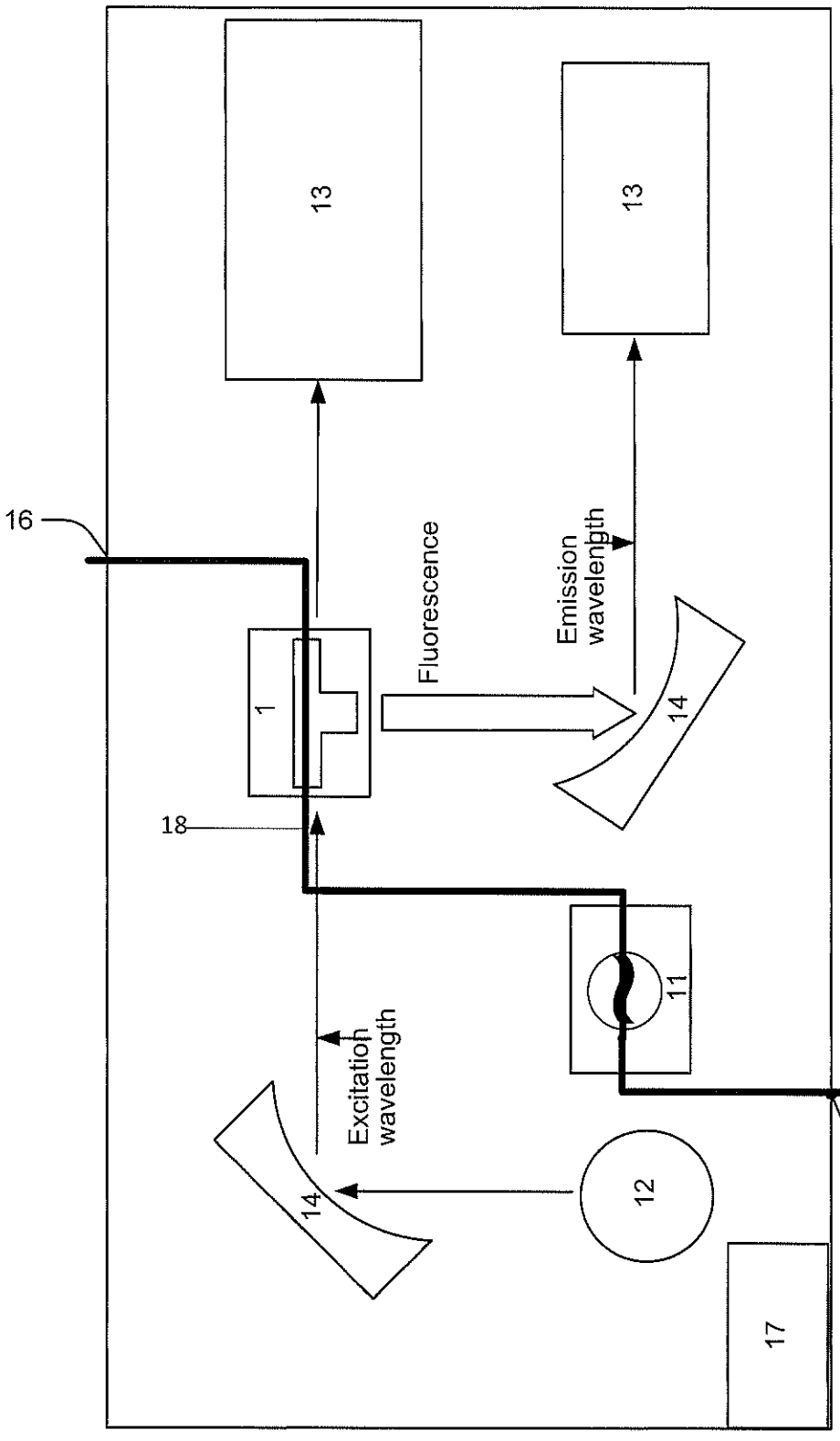

13
13
16
Fluorescence
Emission wavelength
1
14
18
11
Excitation wavelength
14
12
15
17

FIG. 4

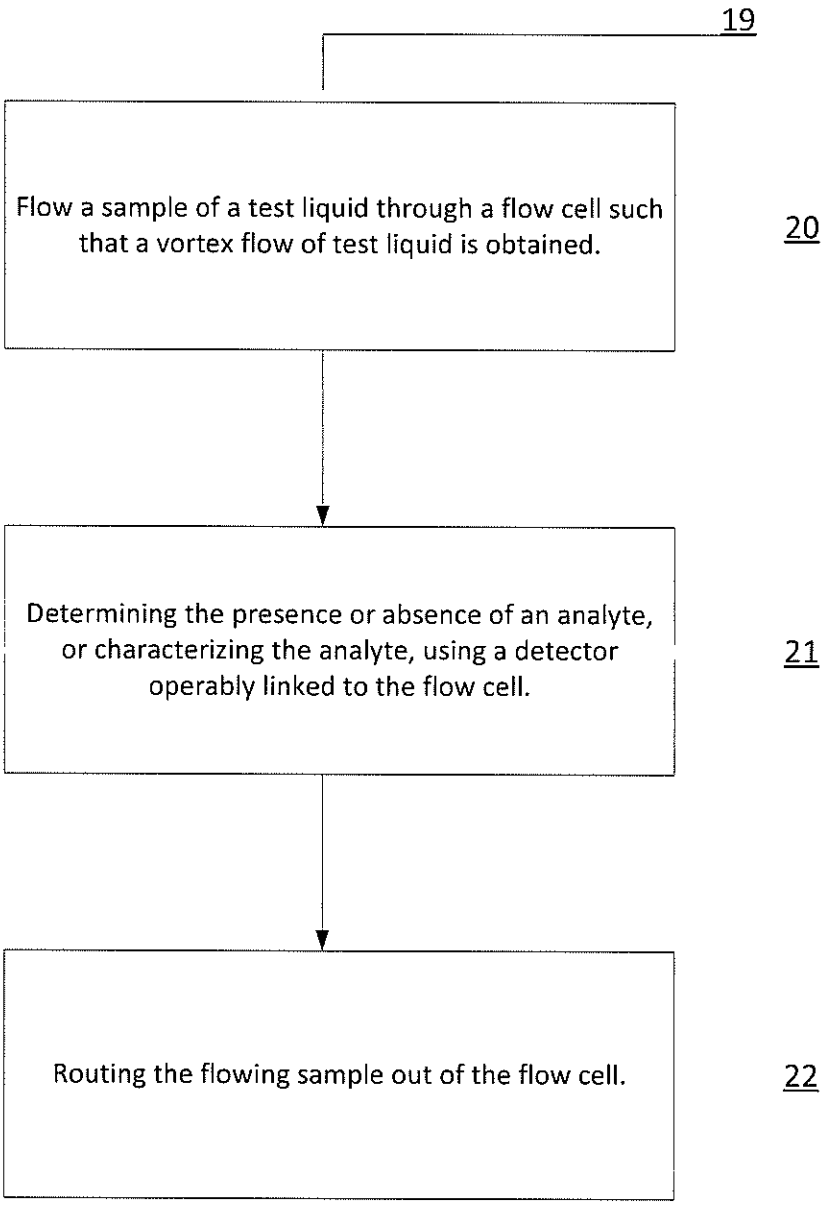

19
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22

FIG. 5

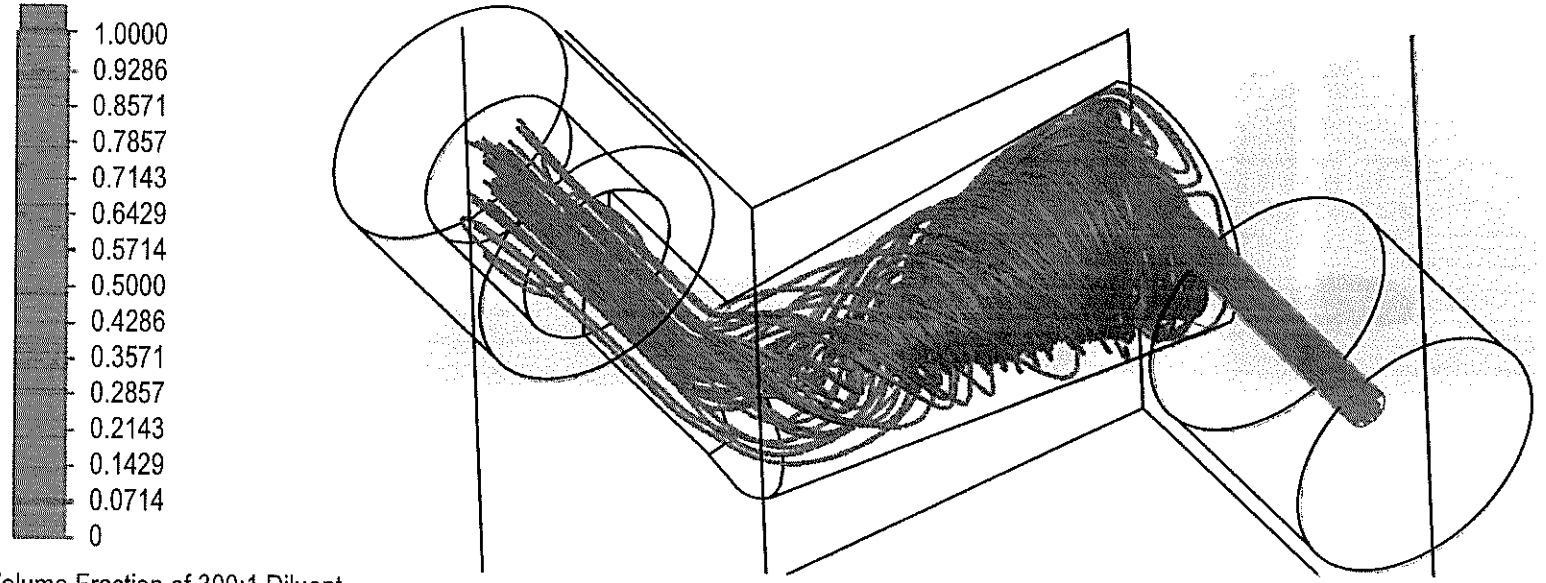

1.0000
0.9286
0.8571
0.7857
0.7143
0.6429
0.5714
0.5000
0.4286
0.3571
0.2857
0.2143
0.1429
0.0714
0
Volume Fraction of 300:1 Diluent plus blood [ ]
Flow Trajectories 1
Flow Trajectories 2

FIG. 6

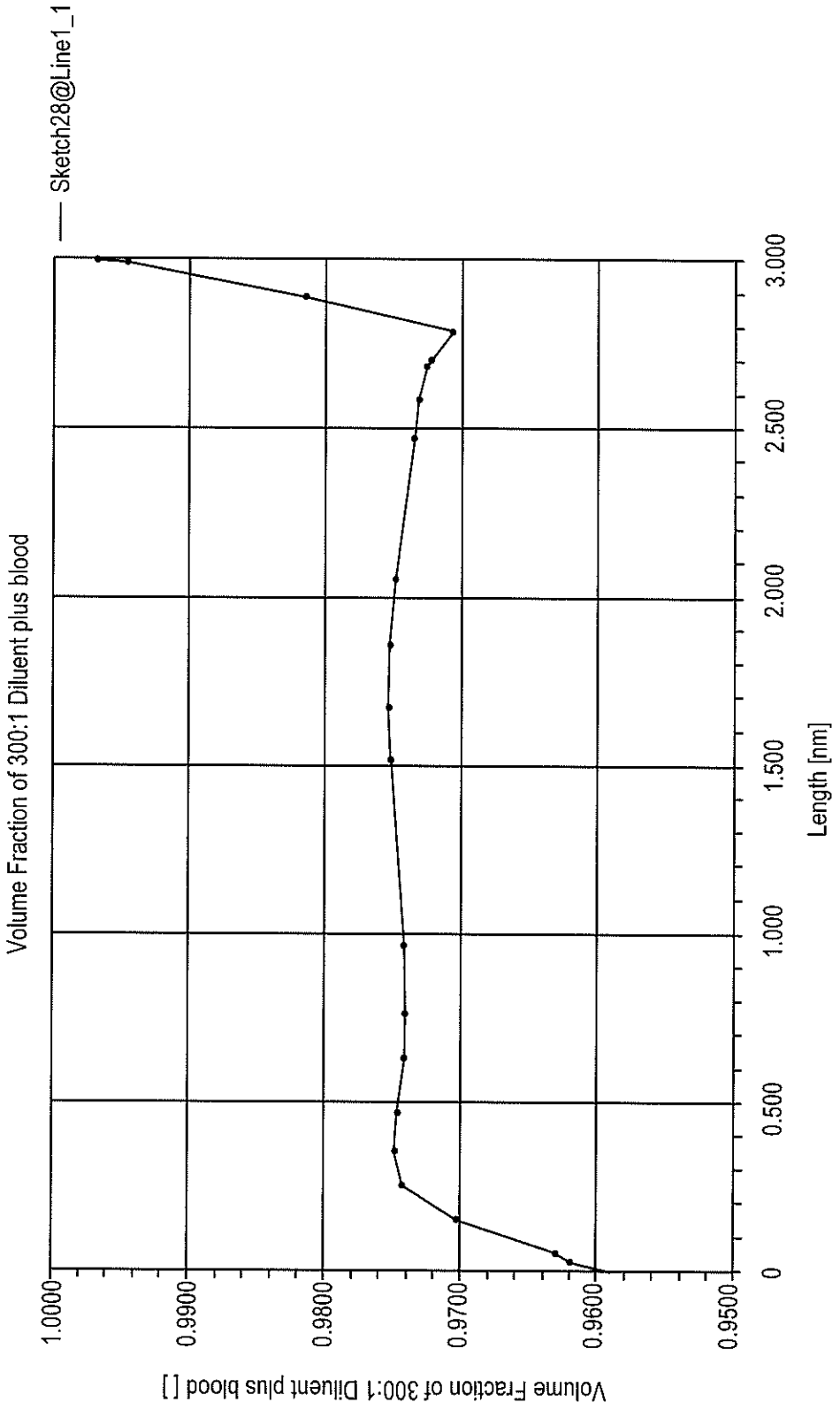

Volume Fraction of 300:1 Diluent plus blood
Sketch28@Line1_1
Volume Fraction of 300:1 Diluent plus blood [ ]
1.0000
0.9900
0.9800
0.9700
0.9600
0.9500
0
0.500
1.000
1.500
2.000
2.500
3.000
Length [nm]

FIG. 7

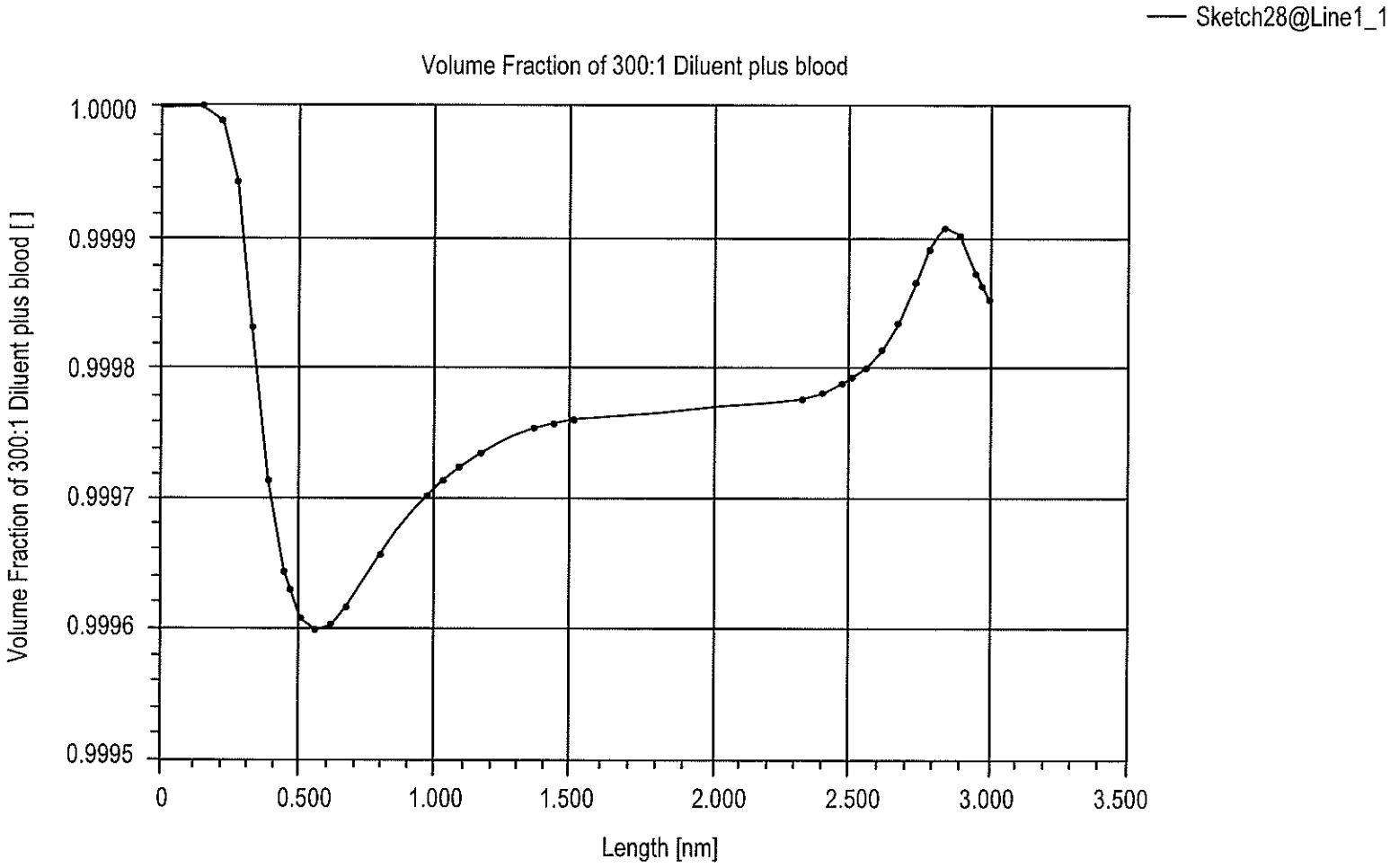

Sketch28@Line1_1
Volume Fraction of 300:1 Diluent plus blood
Volume Fraction of 300:1 Diluent plus blood [ ]
1.0000
0.9999
0.9998
0.9997
0.9996
0.9995
0
0.500
1.000
1.500
2.000
2.500
3.000
3.500
Length [nm]

FIG. 8