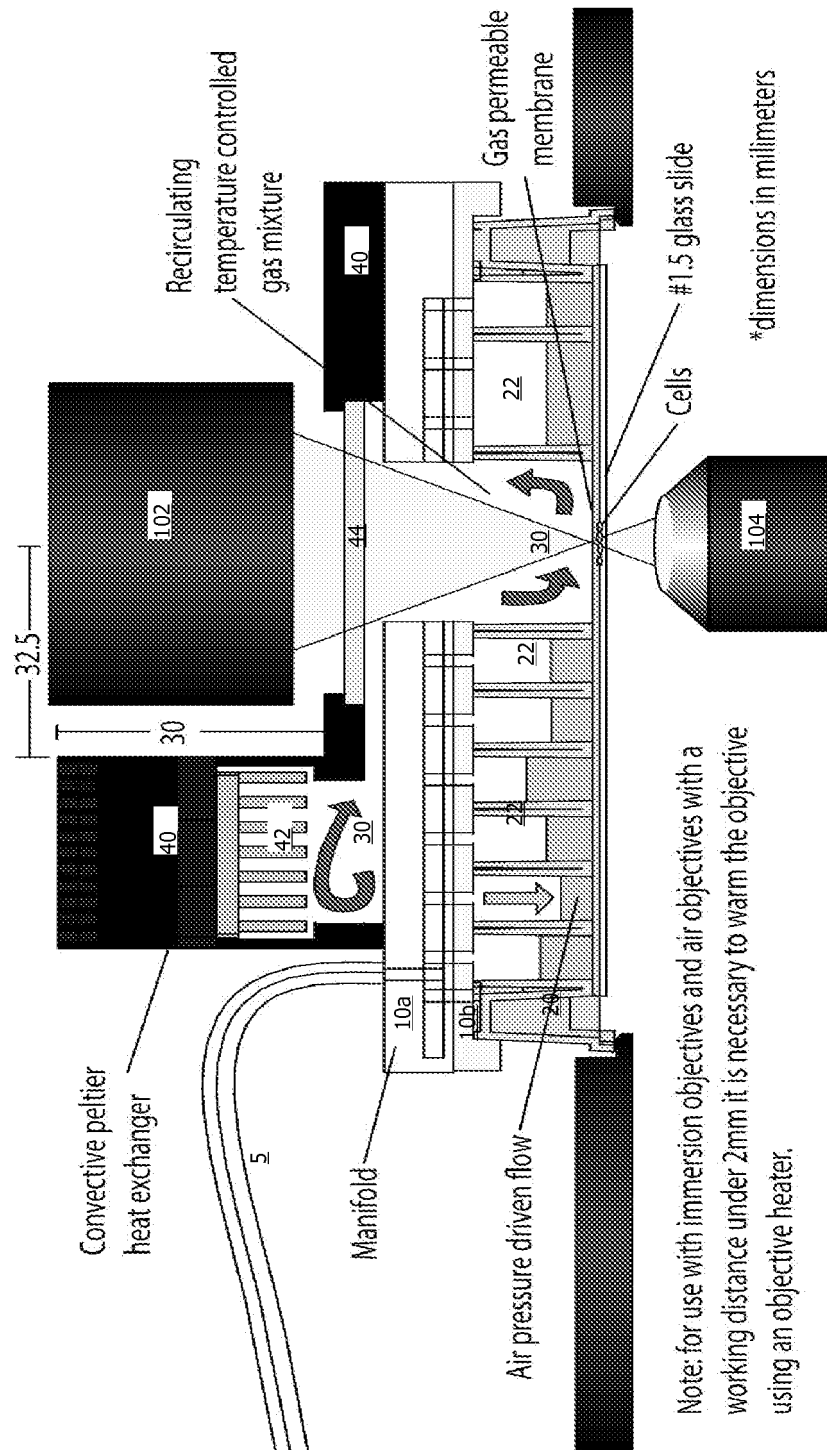


FIG. 1



Note: for use with immersion objectives and air objectives with a working distance under 2mm it is necessary to warm the objective using an objective heater.

2/26

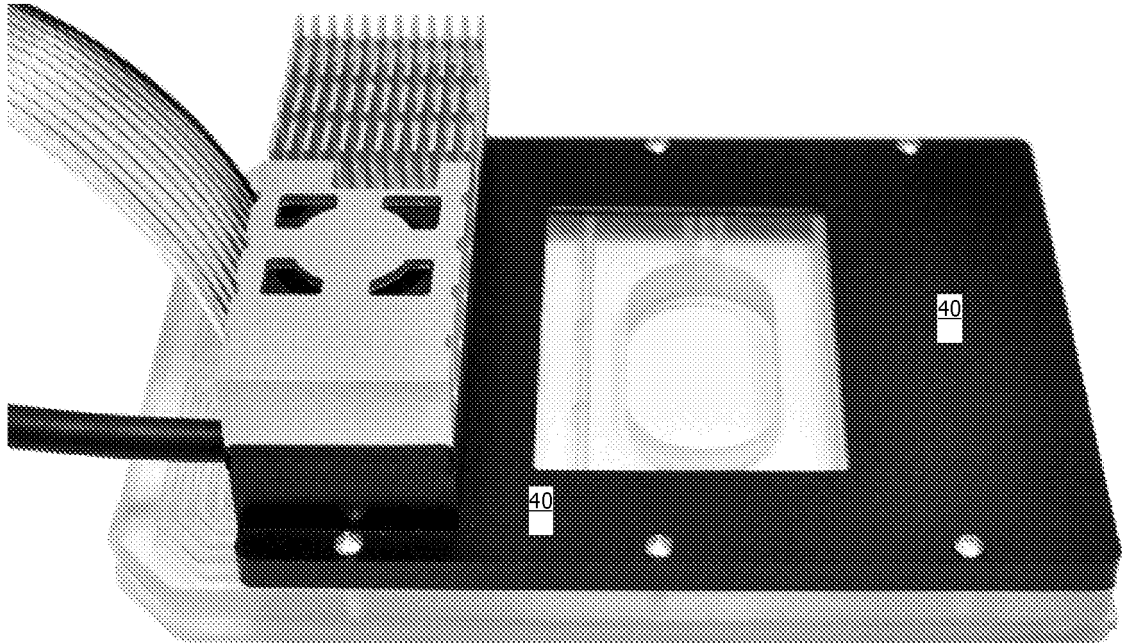


FIG. 2

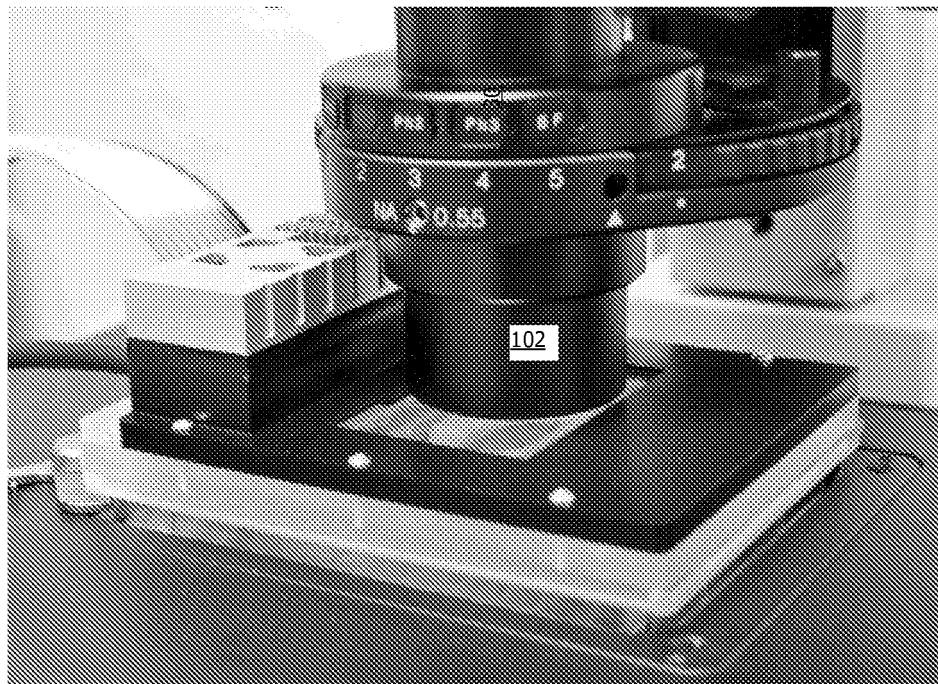


FIG. 3

3/26

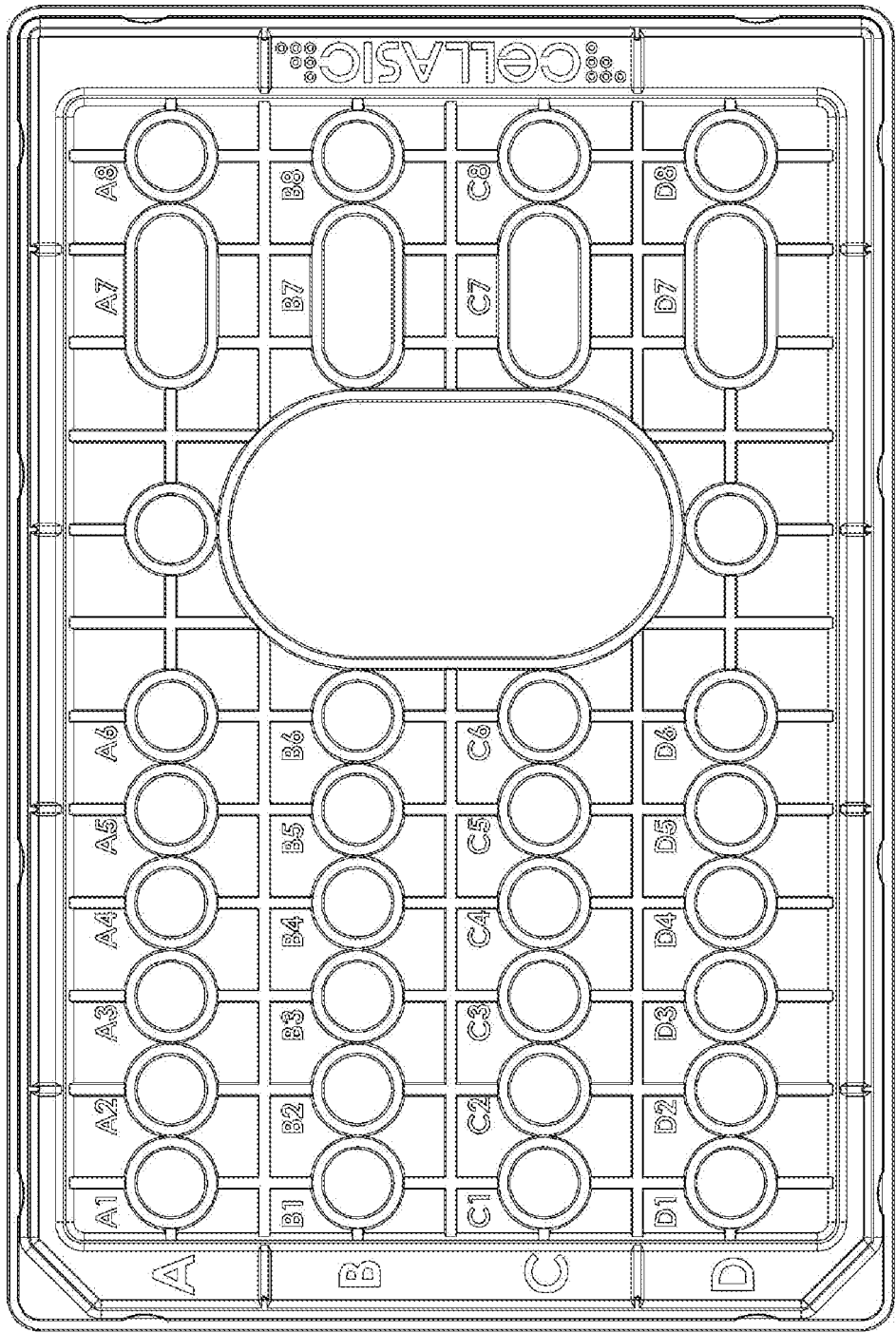


FIG. 4

4/26

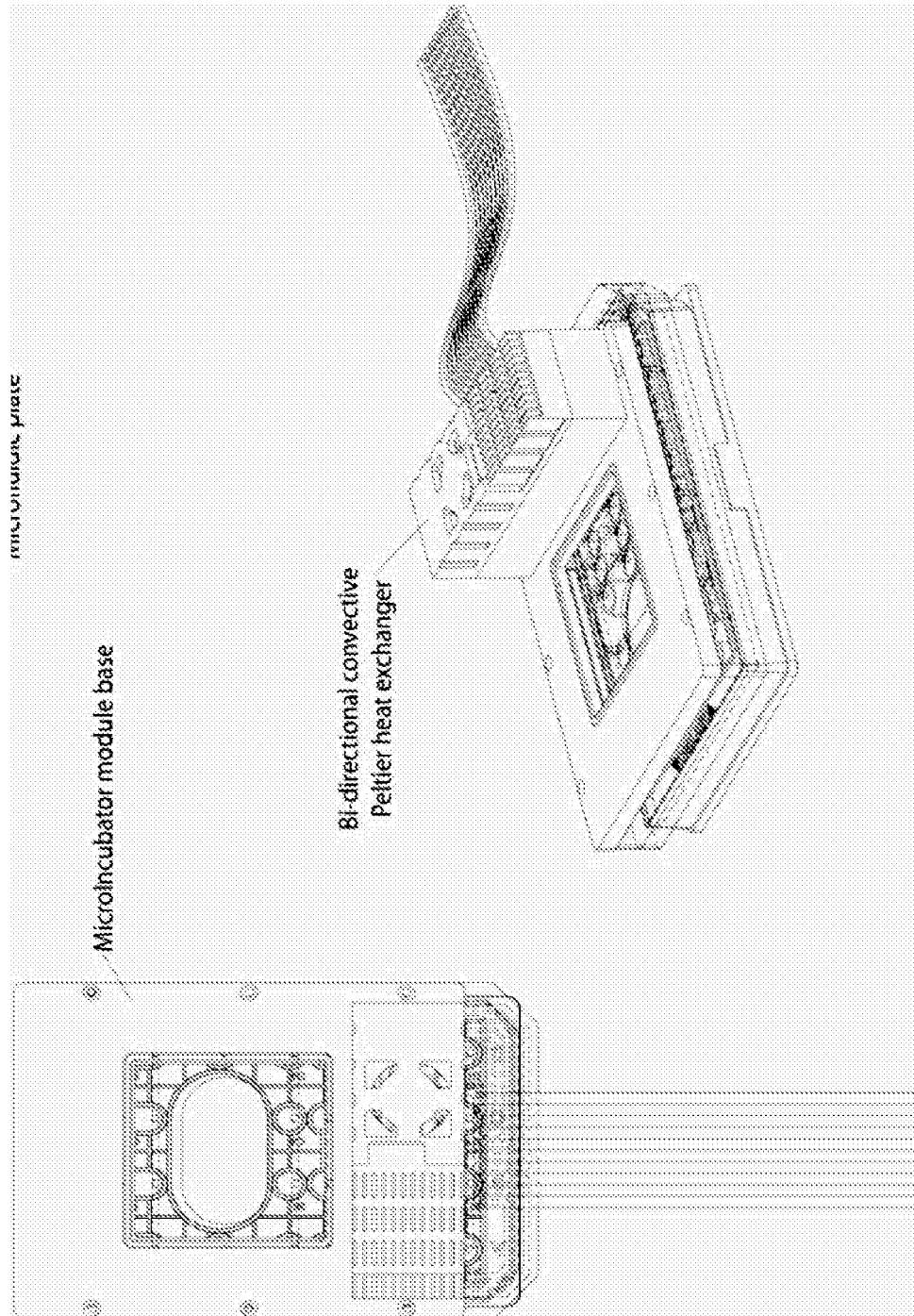


FIG. 5A

5/26

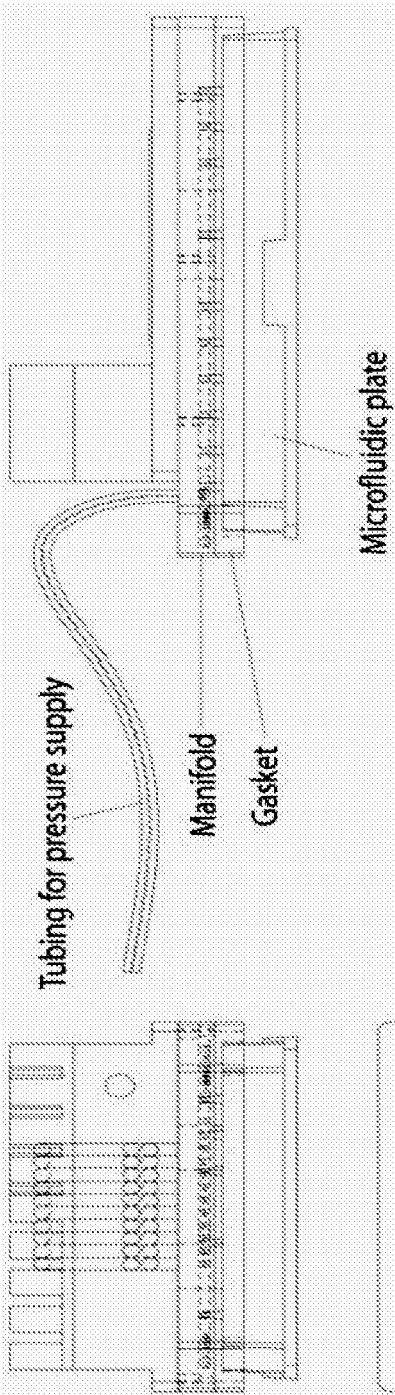


FIG. 5B

6/26

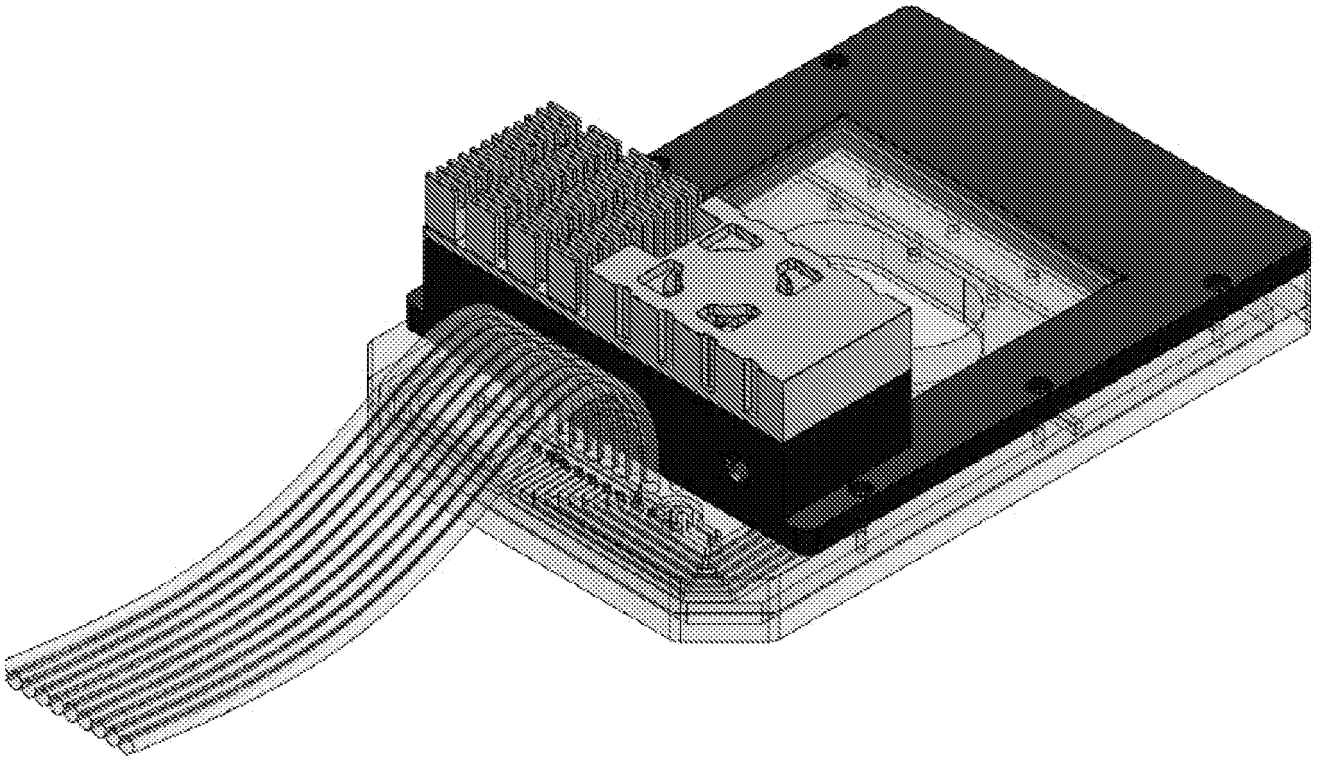


FIG. 5C

ITEM NO.	PART NUMBER	QTY.
1	Enclosure Bottom	1
2	Bottom Heat Sink	1
3	Fan	2
4	Peltier Module	1
5	Enclosure Top	1
6	Glass Piece	1
7	F84 Manifold	1
8	5mm Gasket	1

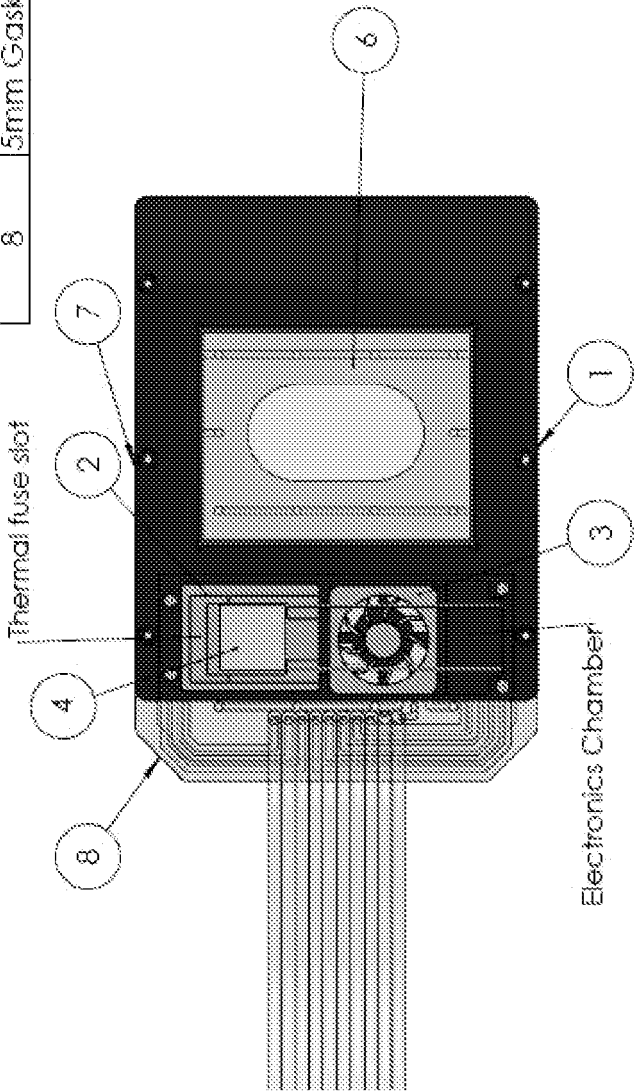


FIG. 5D

8/26

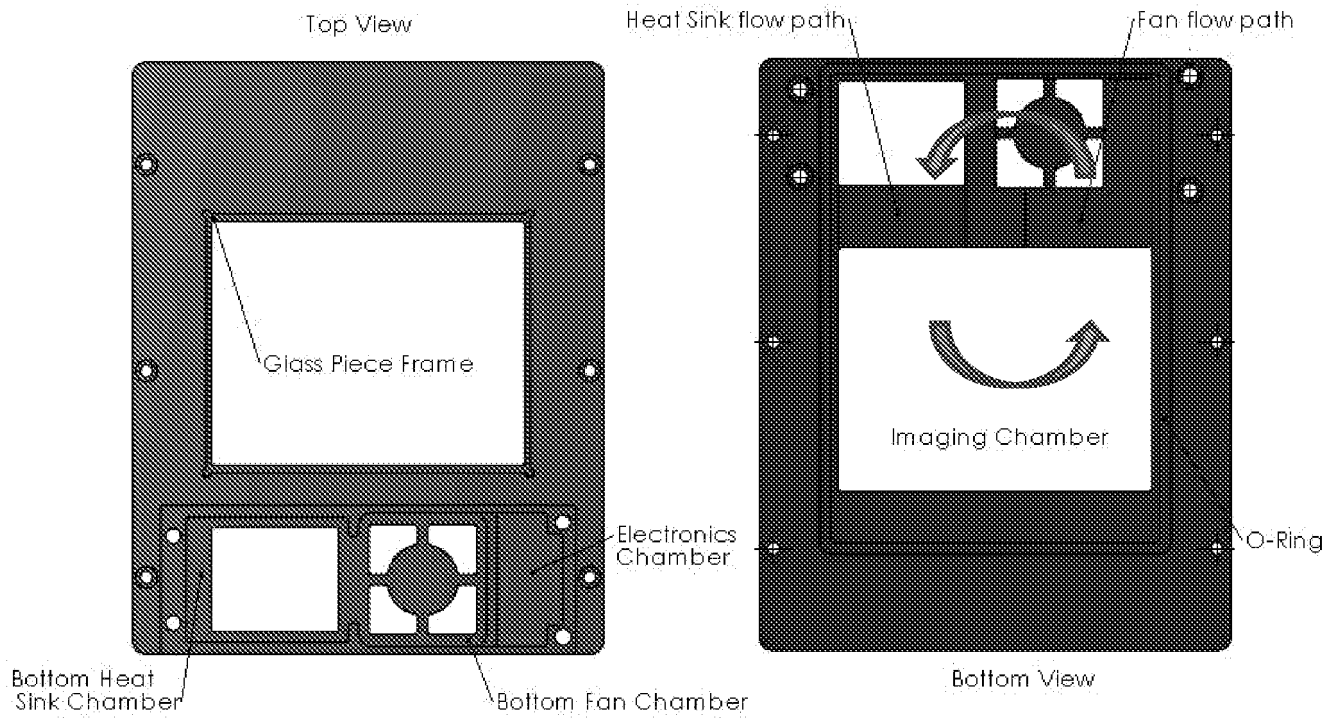


FIG. 6A

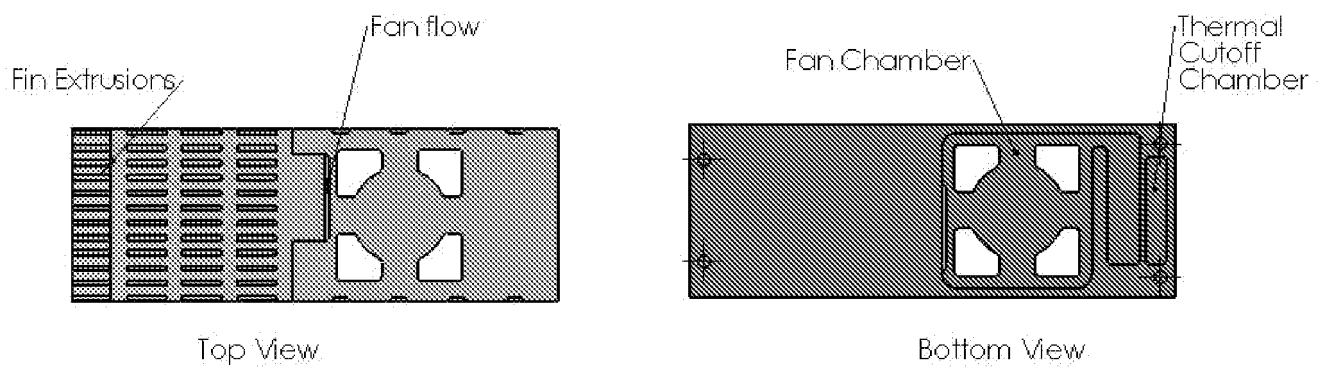
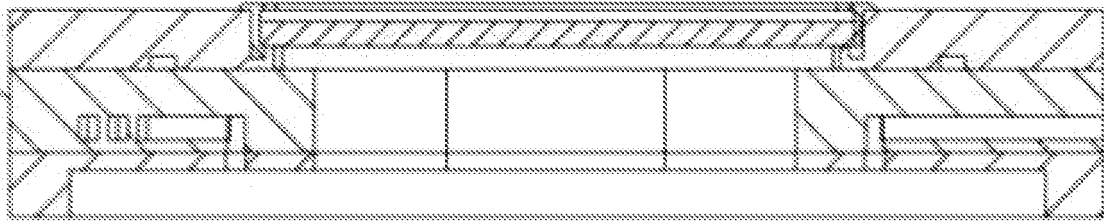
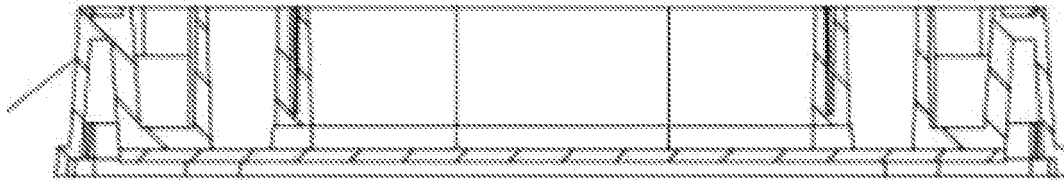


FIG. 6B

9/26

Section A-A (Open State)



Section A-A (Sealed State)

Gas mixture in



Gas mixture out

Environment controlled volume

FIG. 7

10/26

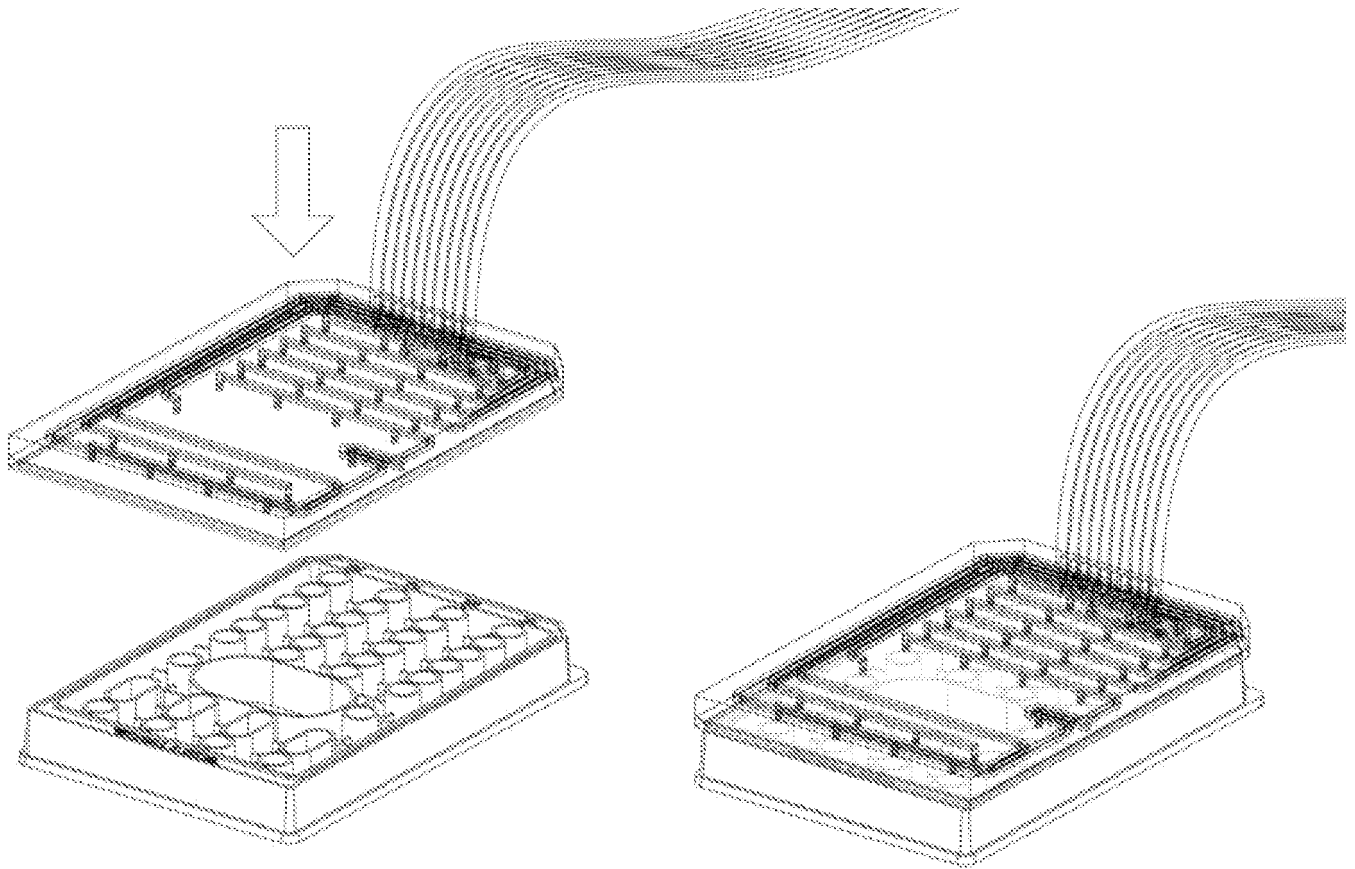
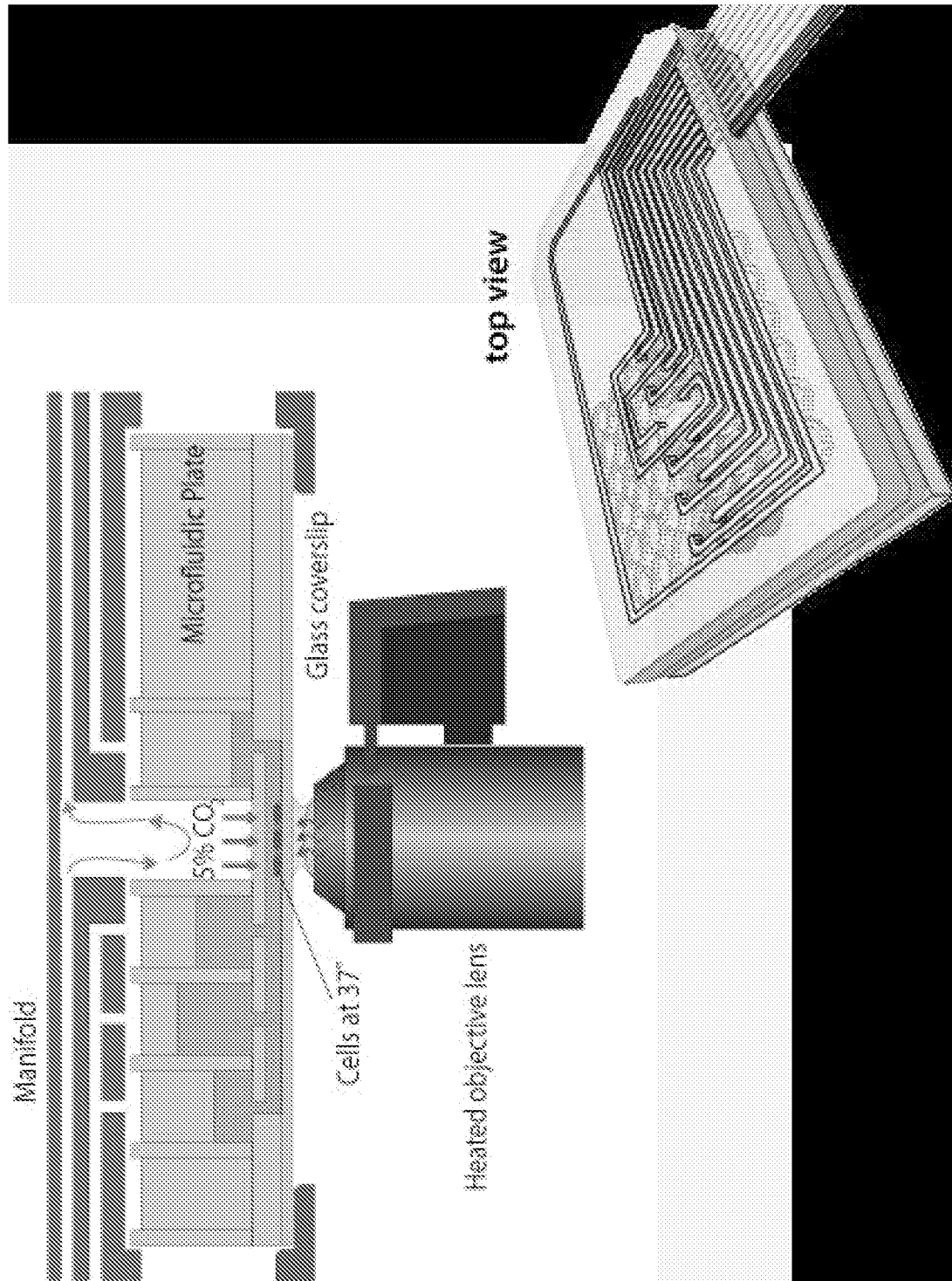


FIG. 8

11/26

**FIG. 9(EARLIER DESIGN))**

12/26

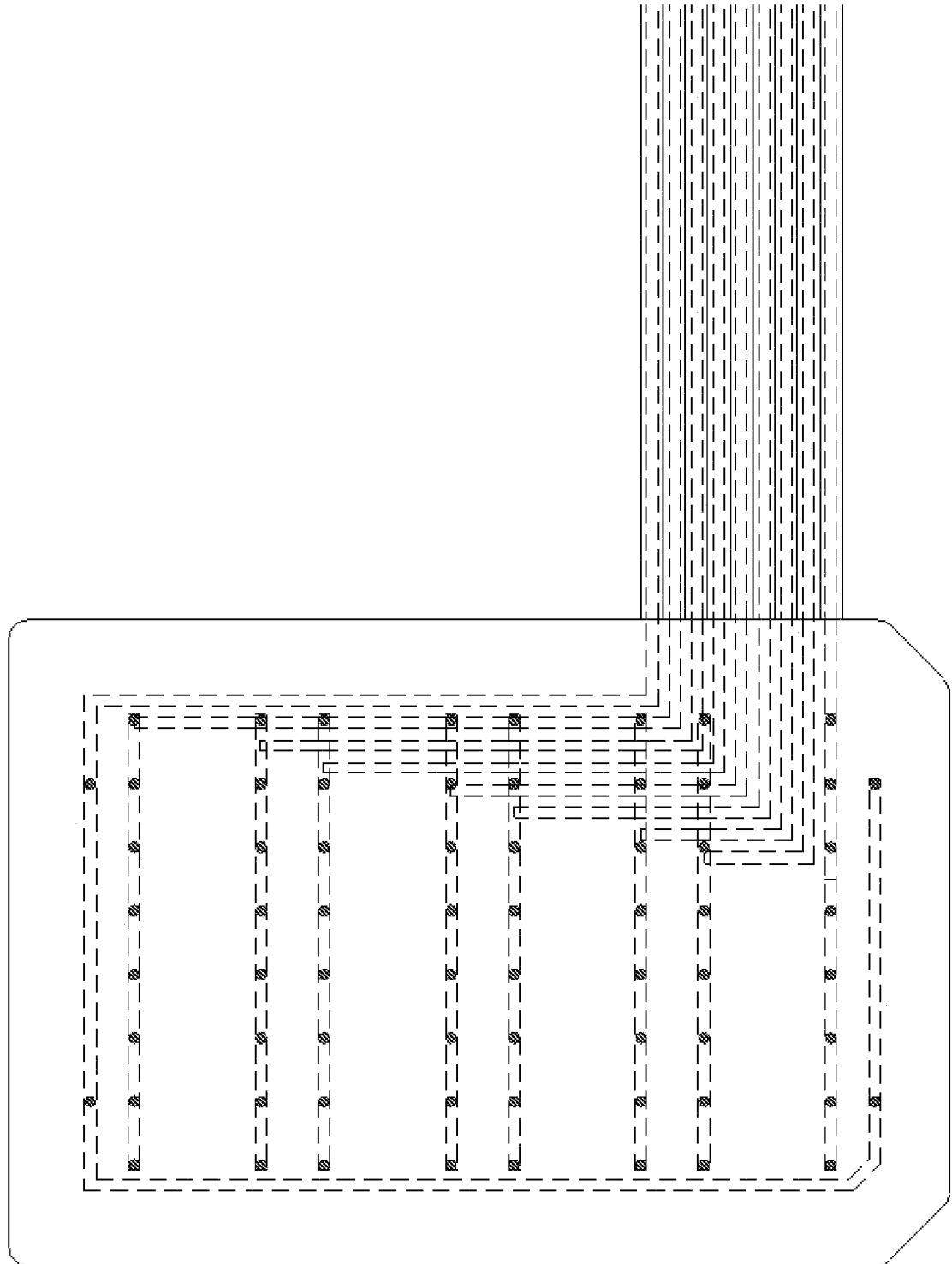


FIG. 10A (EARLIER DESIGN)

13/26

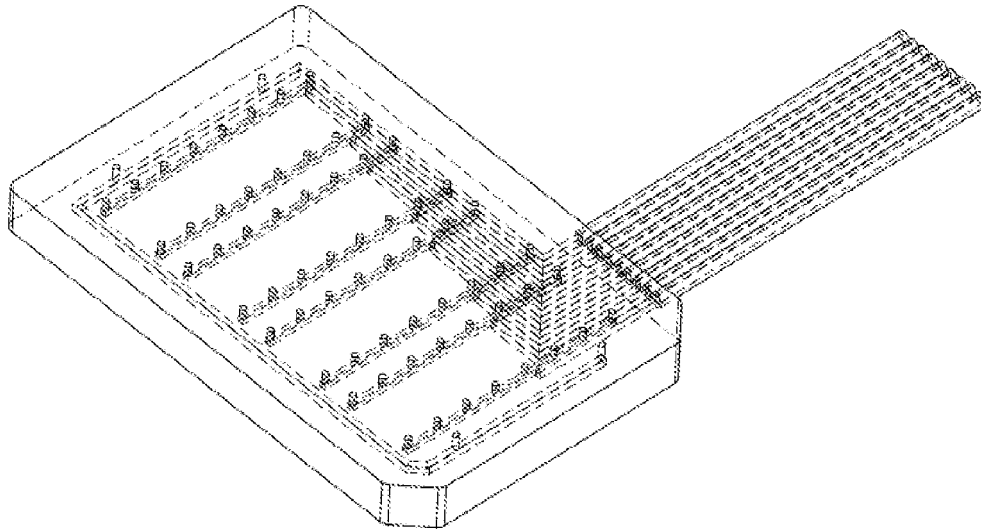


FIG. 10B (EARLIER DESIGN)

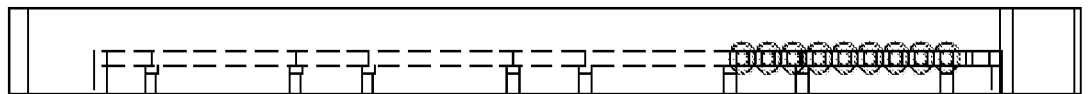


FIG. 10C (EARLIER DESIGN)

14/26

**FIG. 11**

15/26

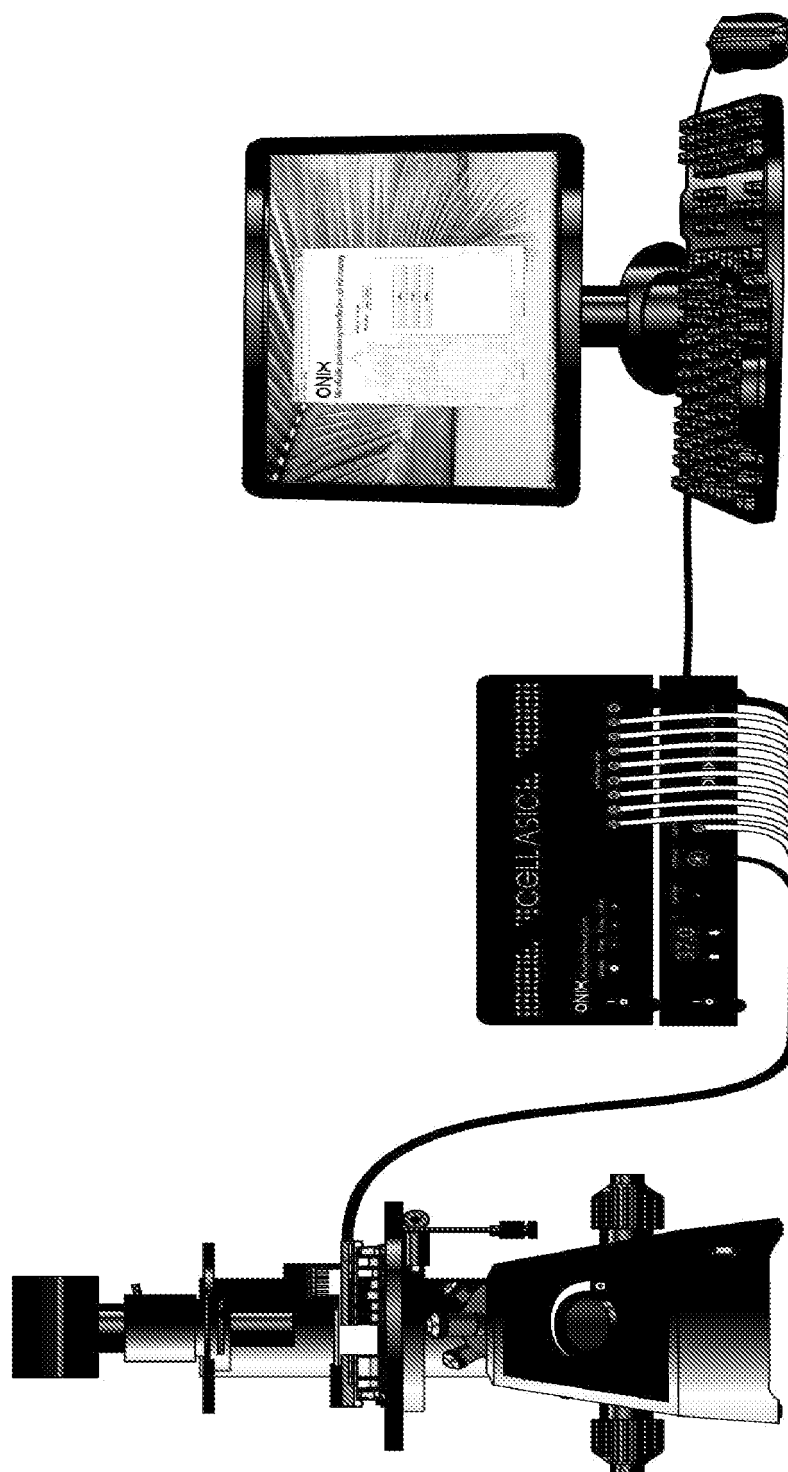


FIG. 12

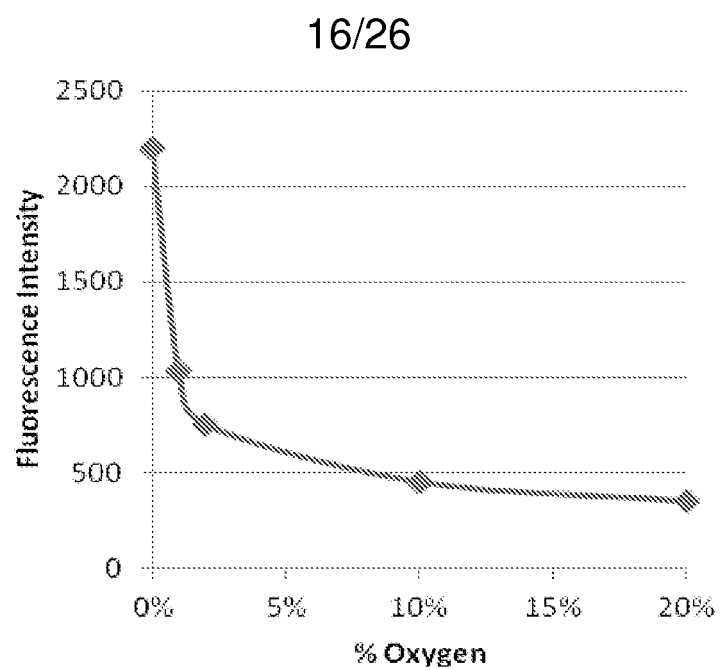
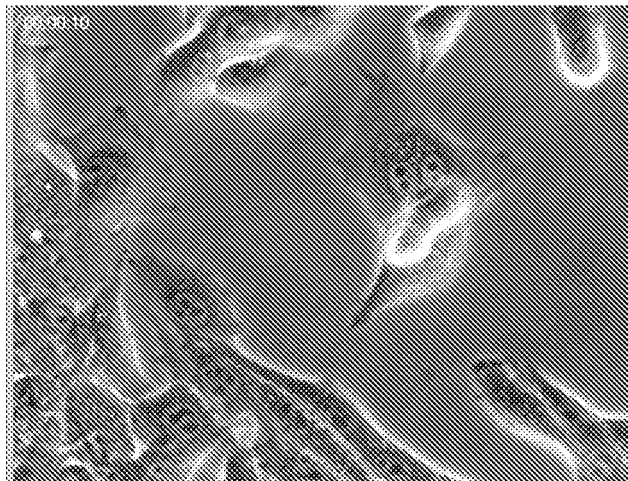
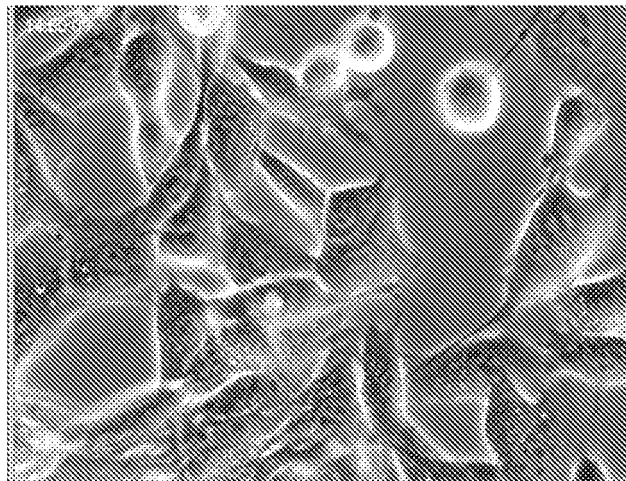


FIG. 13

17/26

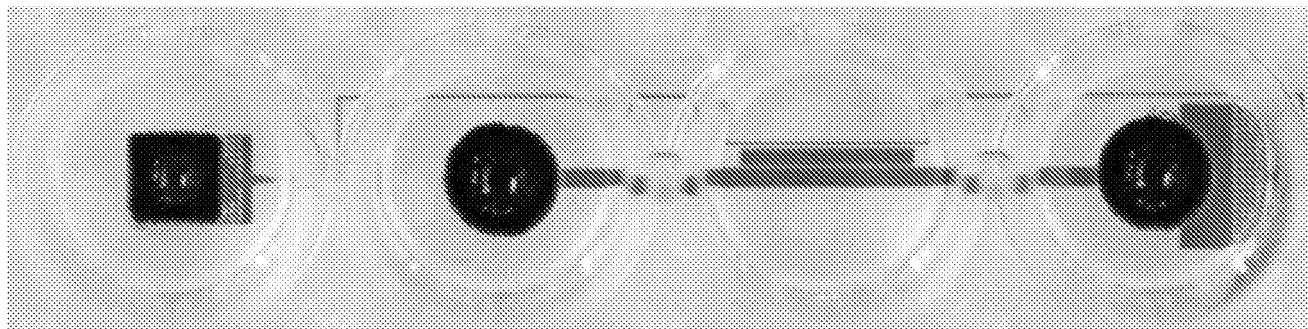
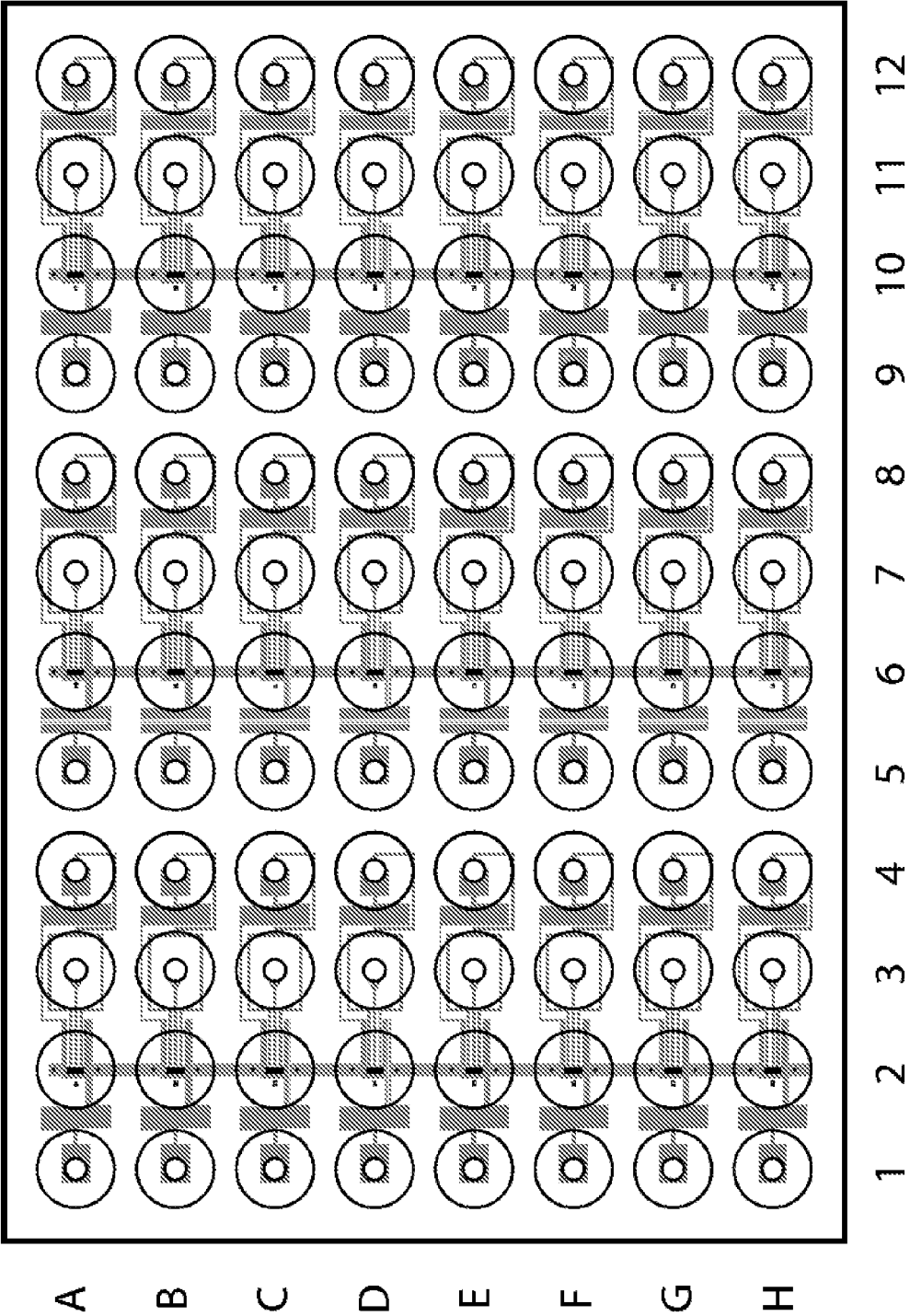


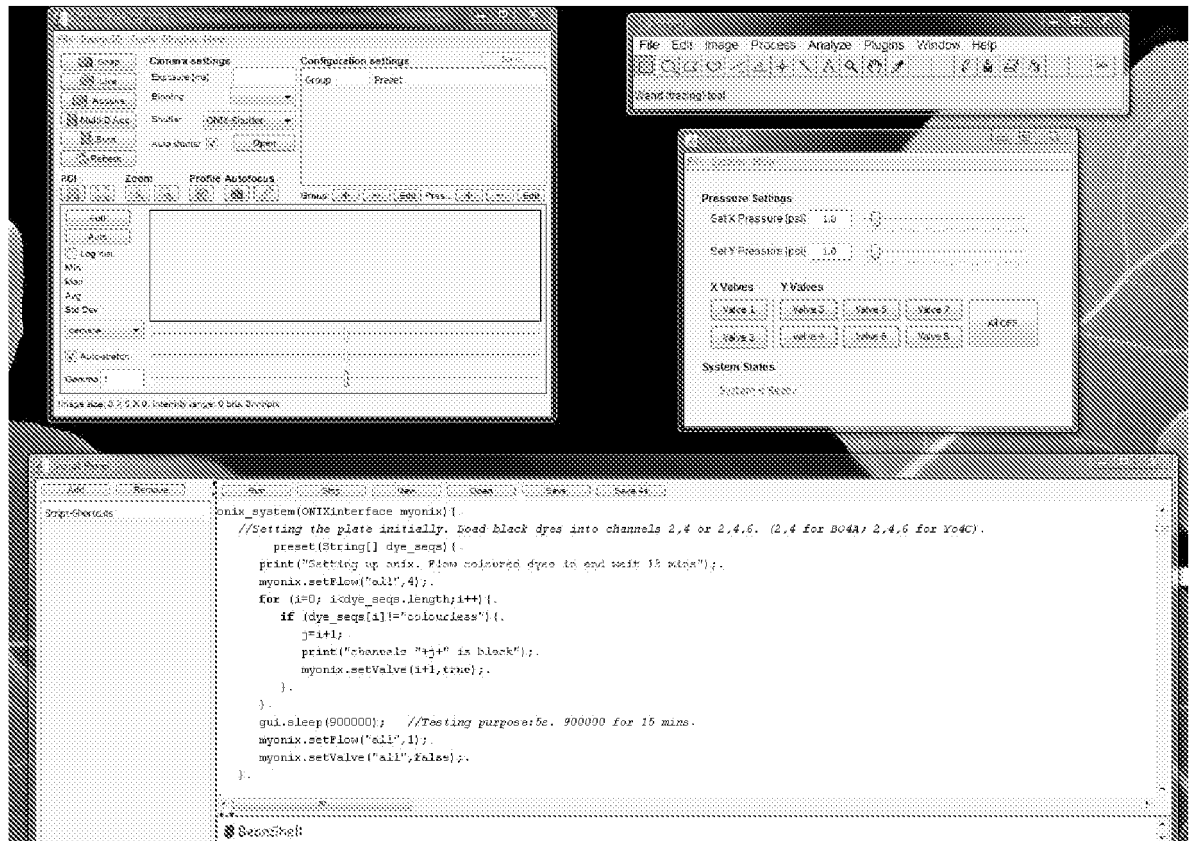
FIG. 14A

18/26

FIG. 14B



19/26

**FIG. 15**

20/26

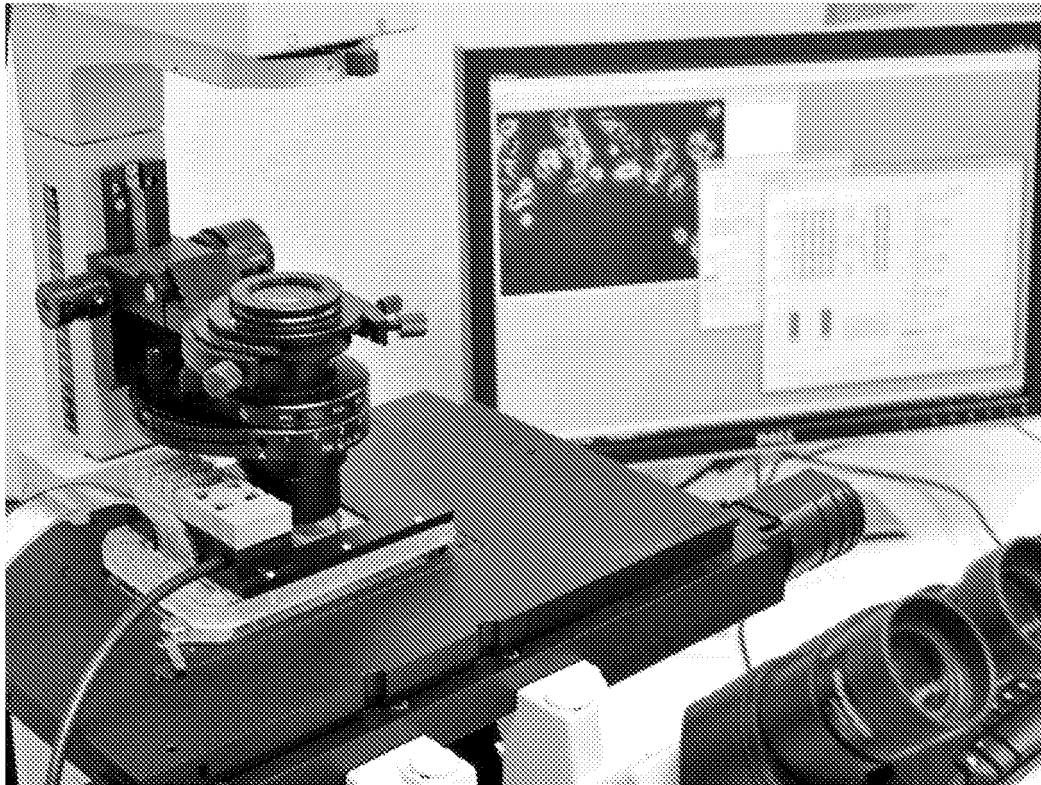


FIG. 16

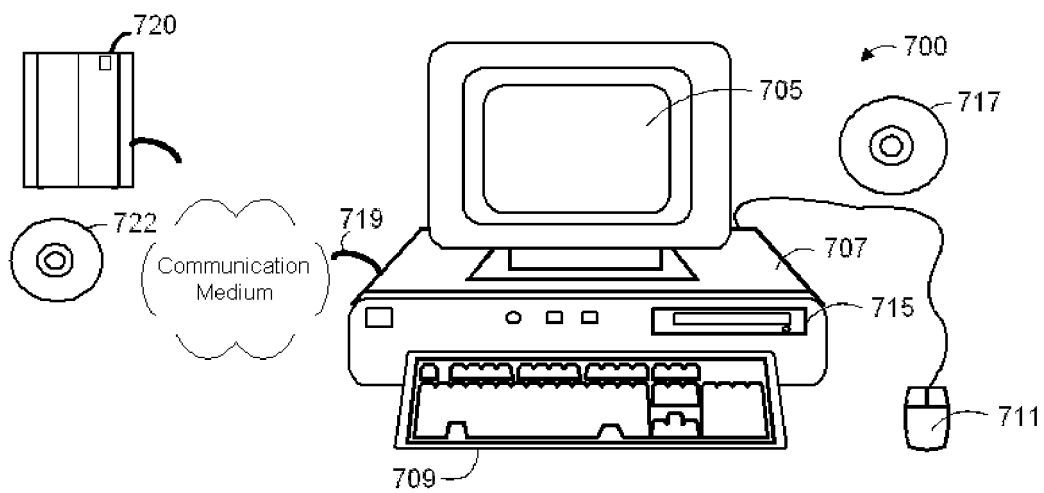


FIG. 17

21/26

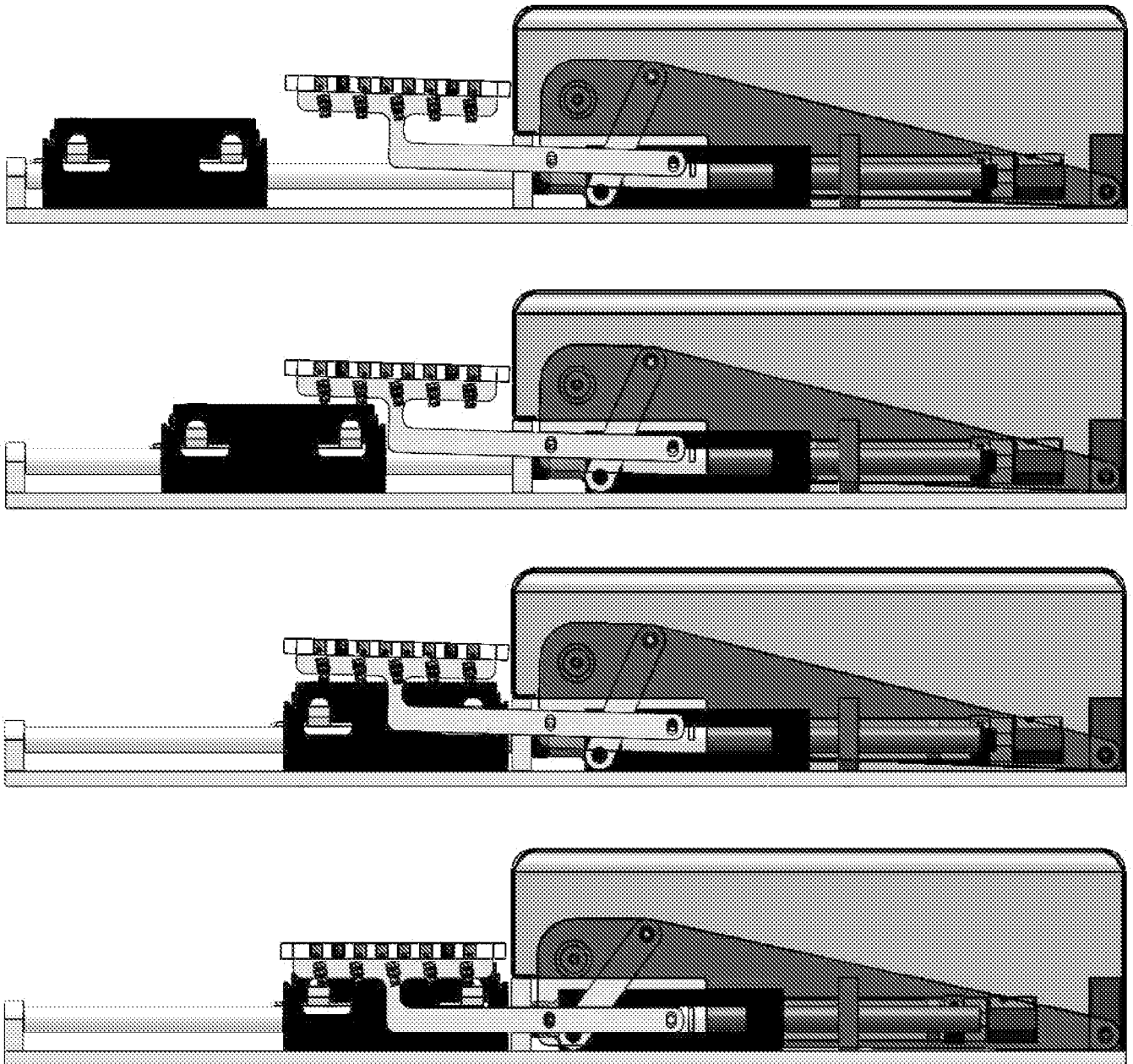
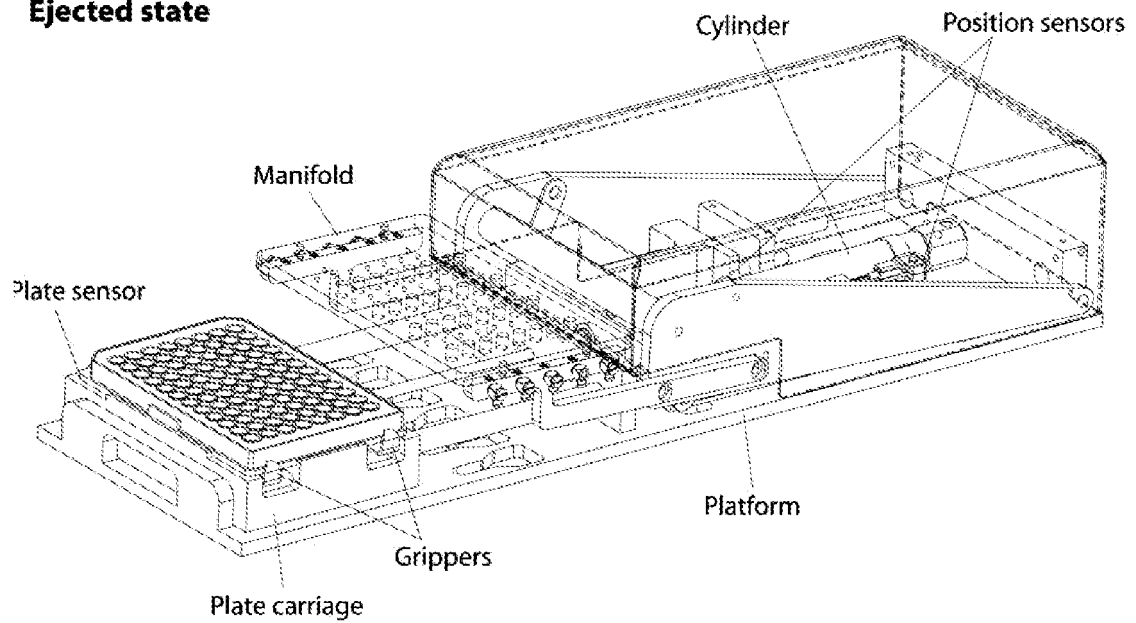
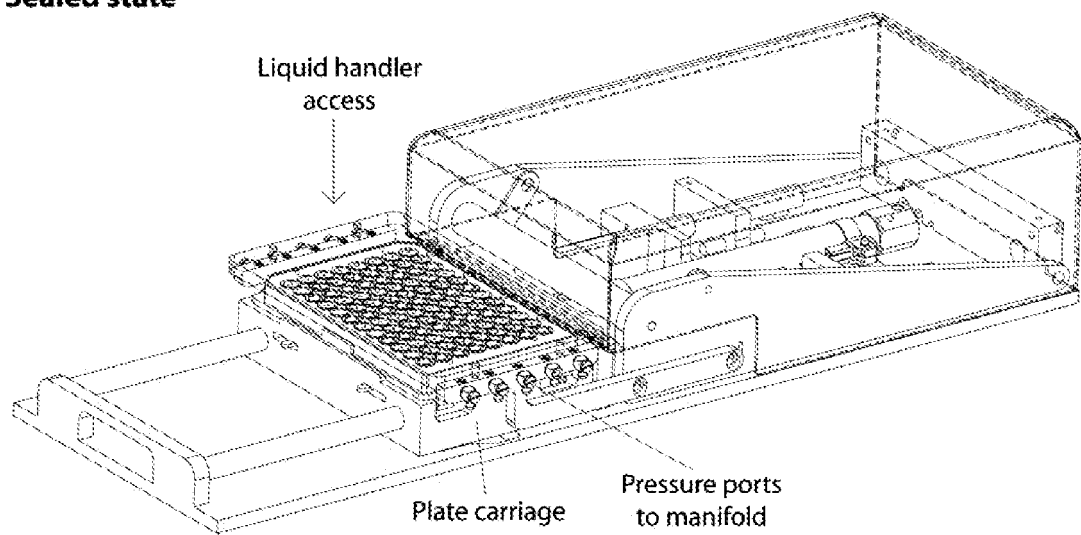


FIG. 18A

22/26

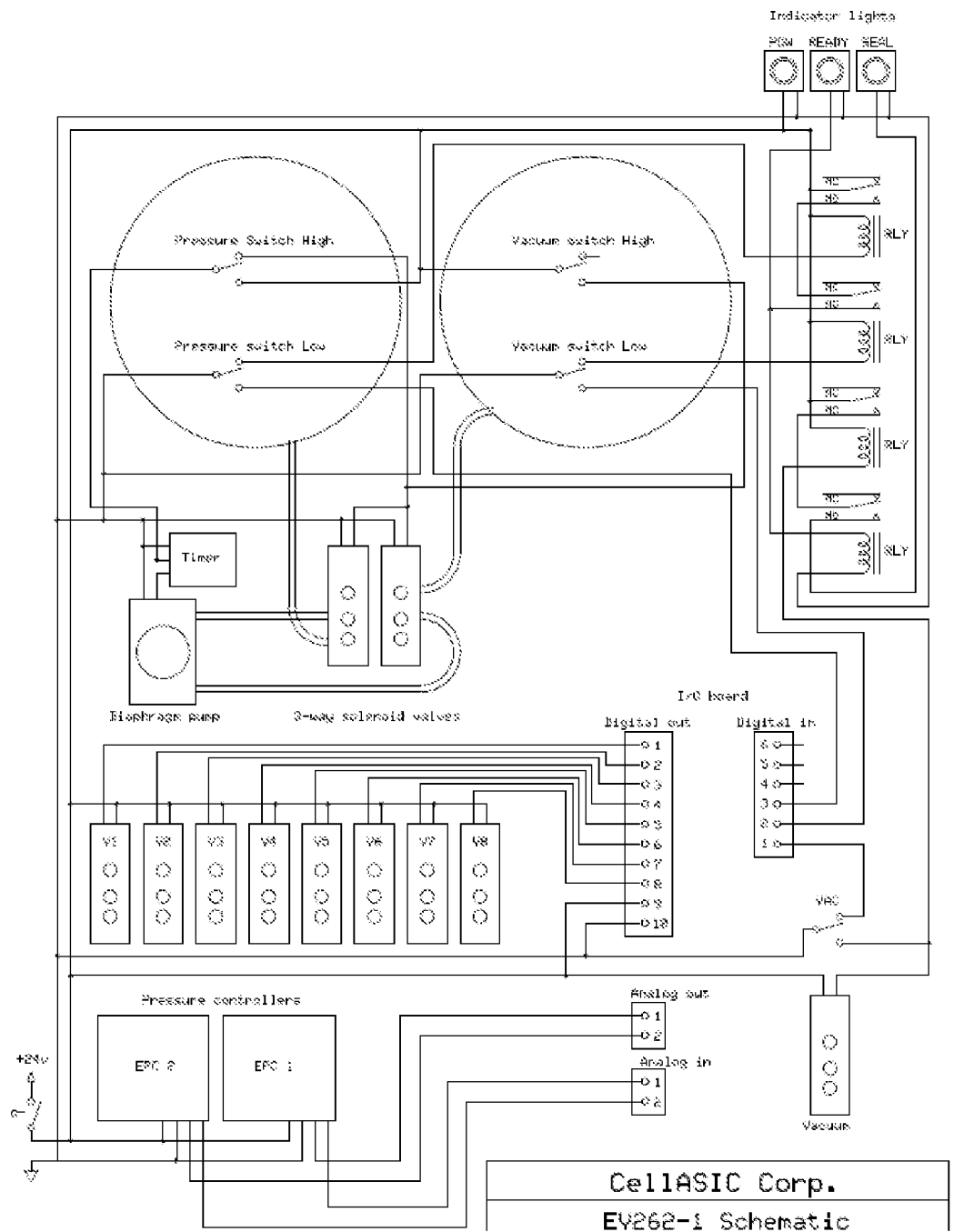
Ejected state**Sealed state****FIG. 18B**

23/26

<i><u>Disease Classification</u></i>	<i><u>Disease</u></i>
<u>Cardiovascular Disease</u>	Atherosclerosis; Unstable angina; Myocardial Infarction; Restenosis after angioplasty or other percutaneous intervention; Congestive Heart Failure; Myocarditis; Endocarditis; Endothelial Dysfunction; Cardiomyopathy
<u>Endocrine Disease</u>	Diabetes Mellitus I and II; Thyroiditis; Addison's Disease
<u>Infectious Disease</u>	Hepatitis A, B, C, D, E; Malaria; Tuberculosis; HIV; Pneumocystis Carinii; Giardia; Toxoplasmosis; Lyme Disease; Rocky Mountain Spotted Fever; Cytomegalovirus; Epstein Barr Virus; Herpes Simplex Virus; Clostridium Dificile Colitis; Meningitis (all organisms); Pneumonia (all organisms); Urinary Tract Infection (all organisms); Infectious Diarrhea (all organisms)
<u>Angiogenesis</u>	Pathologic angiogenesis; Physiologic angiogenesis; Treatment induced angiogenesis
<u>Inflammatory/Rheumatic Disease</u>	Rheumatoid Arthritis; Systemic Lupus Erythematosus; Sjogrens Disease; CREST syndrome; Scleroderma; Ankylosing Spondylitis; Crohn's; Ulcerative Colitis; Primary Sclerosing Cholangitis; Appendicitis; Diverticulitis; Primary Biliary Sclerosis; Wegener's Granulomatosis; Polyarteritis nodosa; Whipple's Disease; Psoriasis; Microscopic Polyangiitis; Takayasu's Disease; Kawasaki's Disease; Autoimmune hepatitis; Asthma; Churg-Strauss Disease; Berger's Disease; Raynaud's Disease; Cholecystitis; Sarcoidosis; Asbestosis; Pneumoconiosis
<u>Transplant Rejection</u>	Heart; Lung; Liver; Pancreas; Bowel; Bone Marrow; Stem Cell; Graft versus host disease; Transplant vasculopathy
<u>Leukemia and Lymphoma</u>	

FIG. 19. (TABLE 1)

24/26

Appendix: Electrical Diagrams of the ONIX-MIC system**FIG. 20A**

25/26

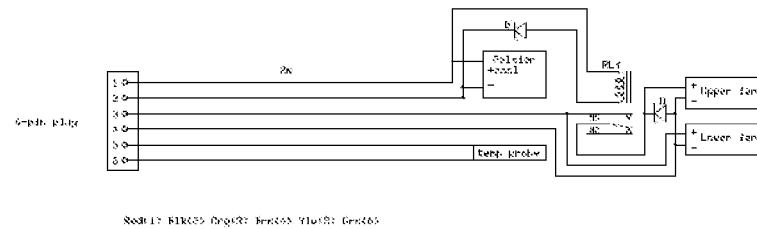


FIG. 20B

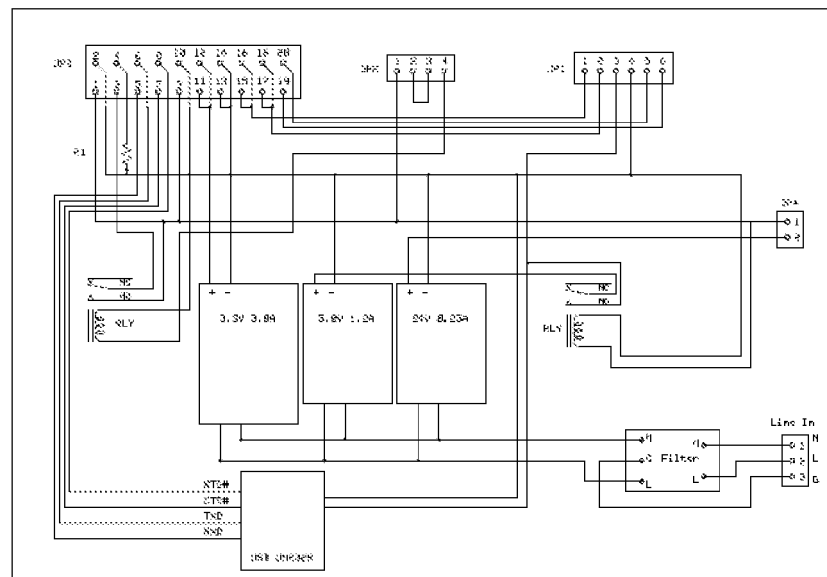
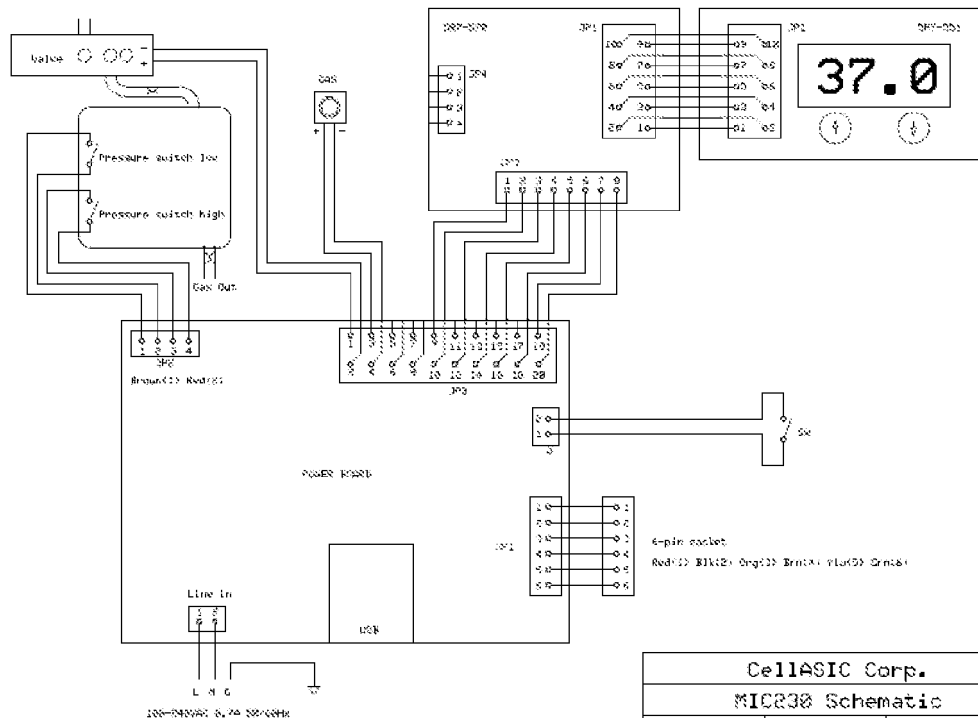


FIG. 20C

26/26

**FIG. 20D**