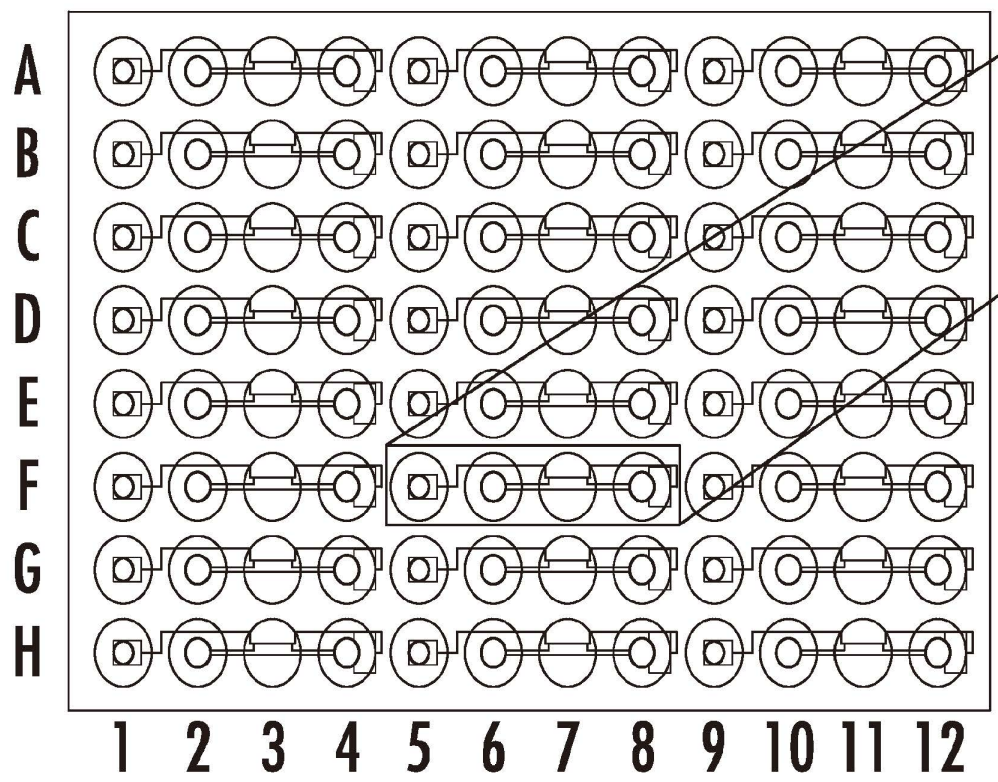
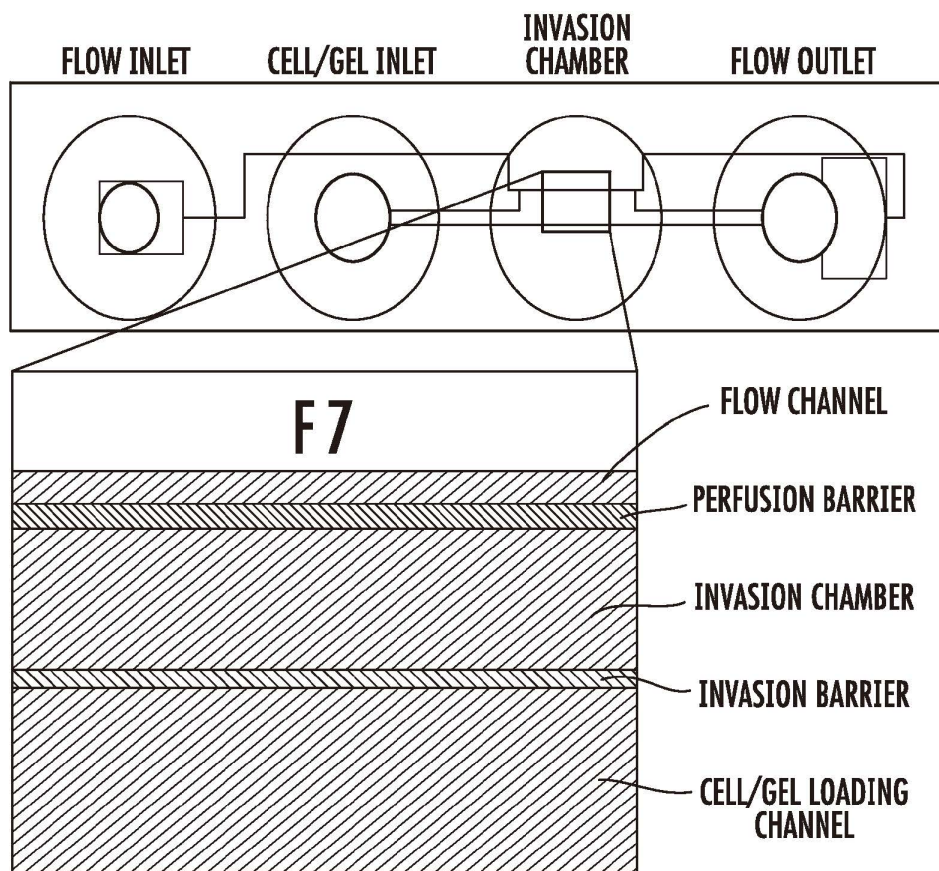


**FIG. 1A**

**FIG. 1B**

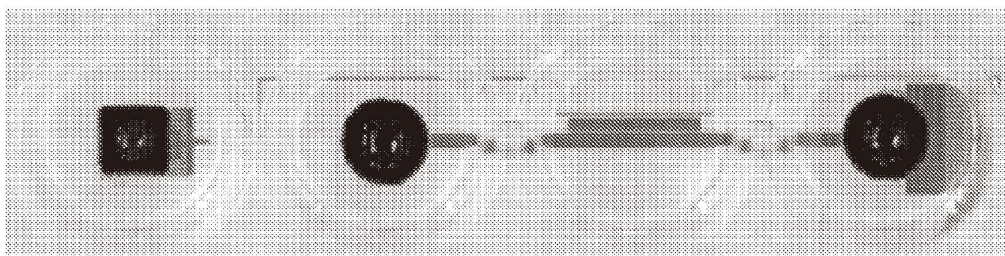


FIG. 2A

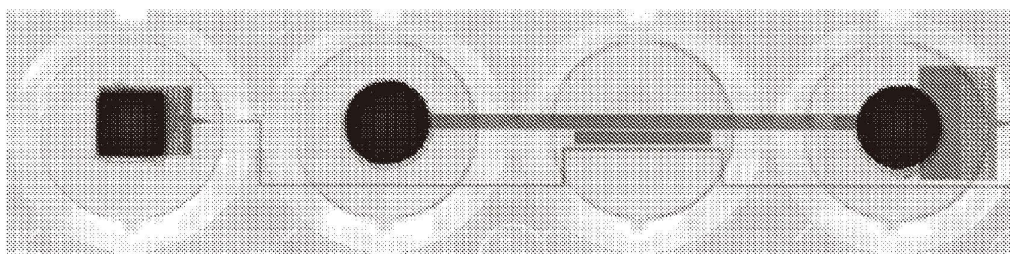
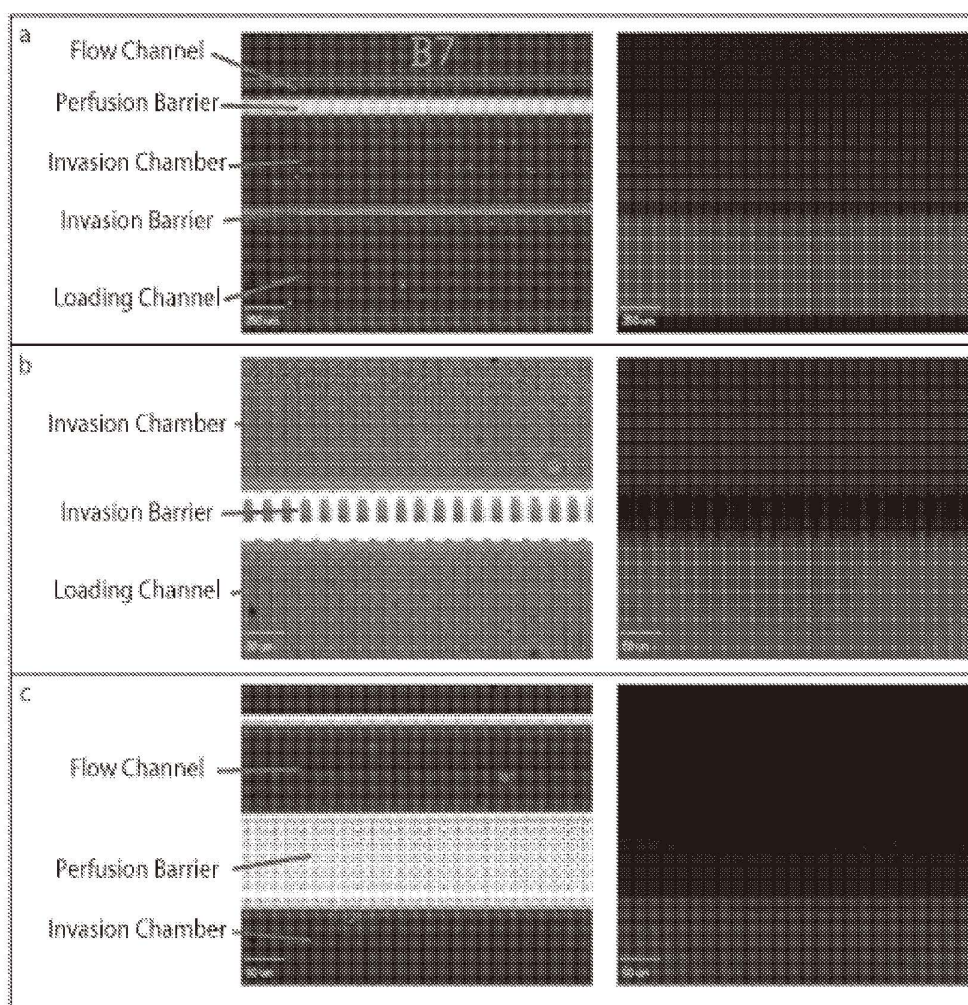


FIG. 2B

**FIG. 3A-C**

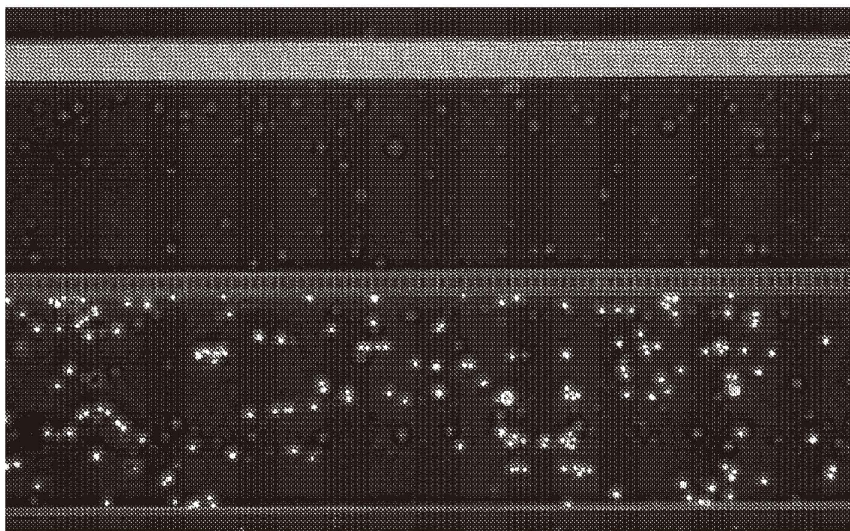


FIG.4A

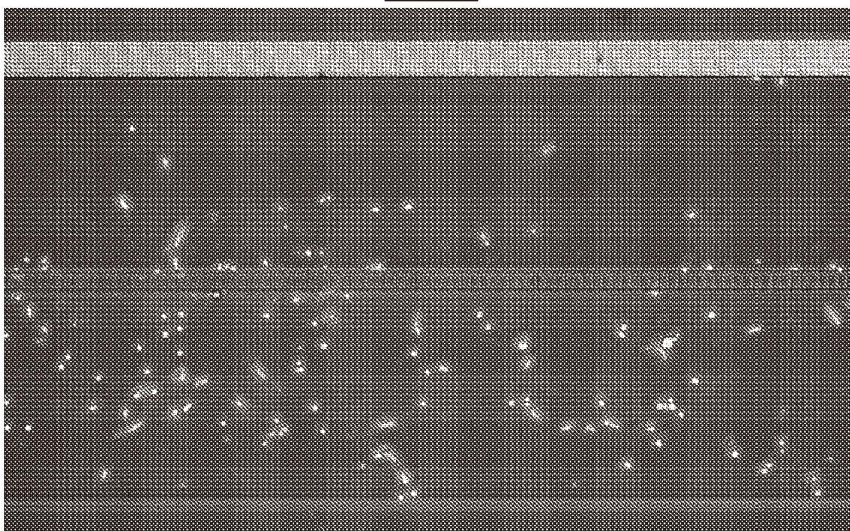


FIG.4B

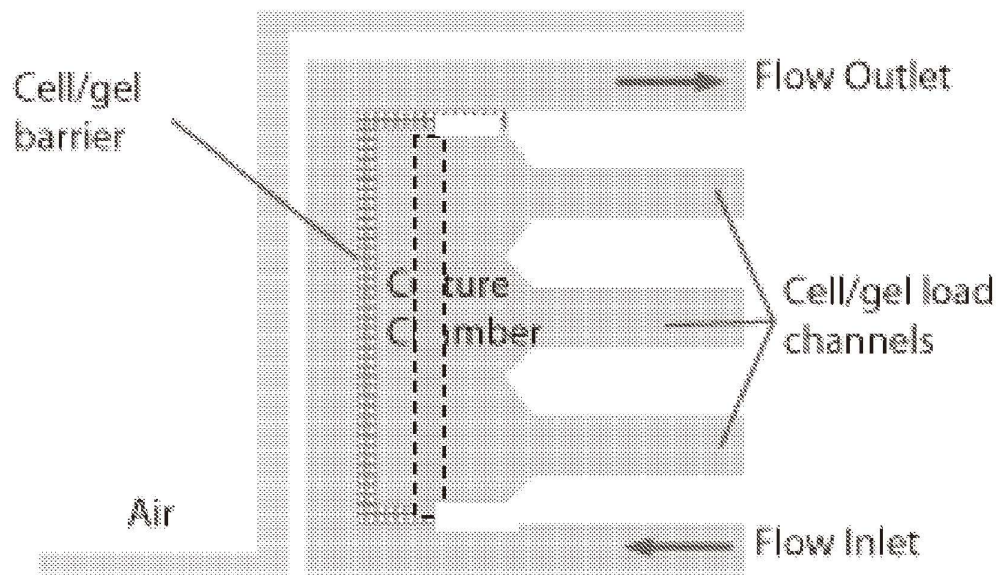
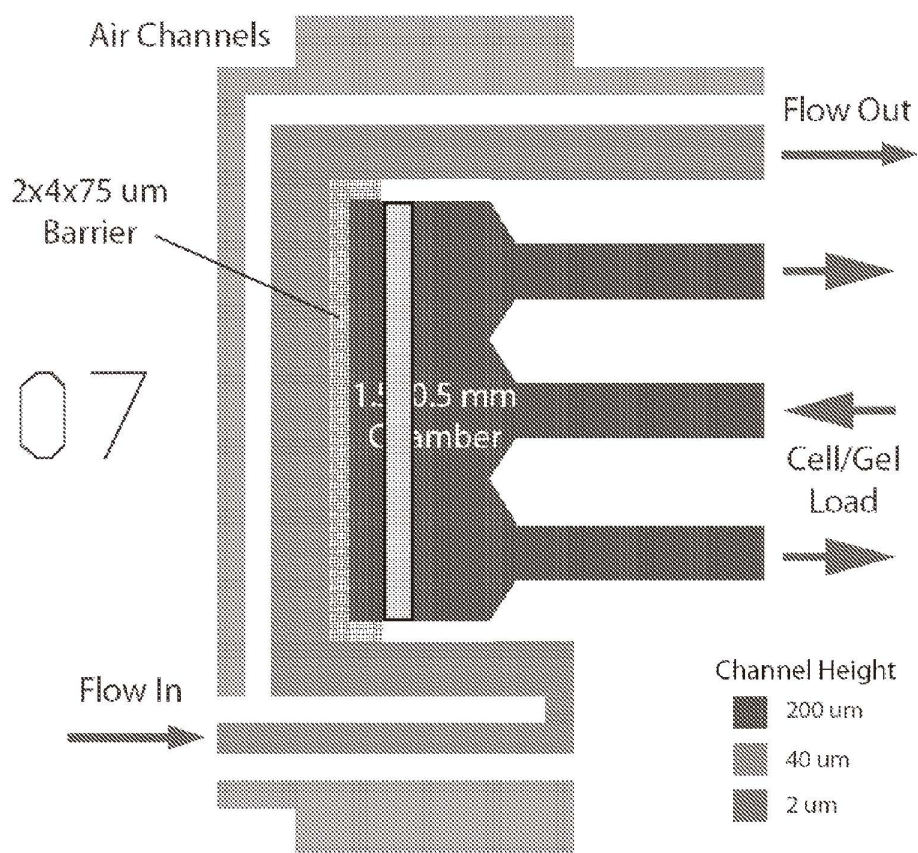


FIG.5A

**FIG.5B**

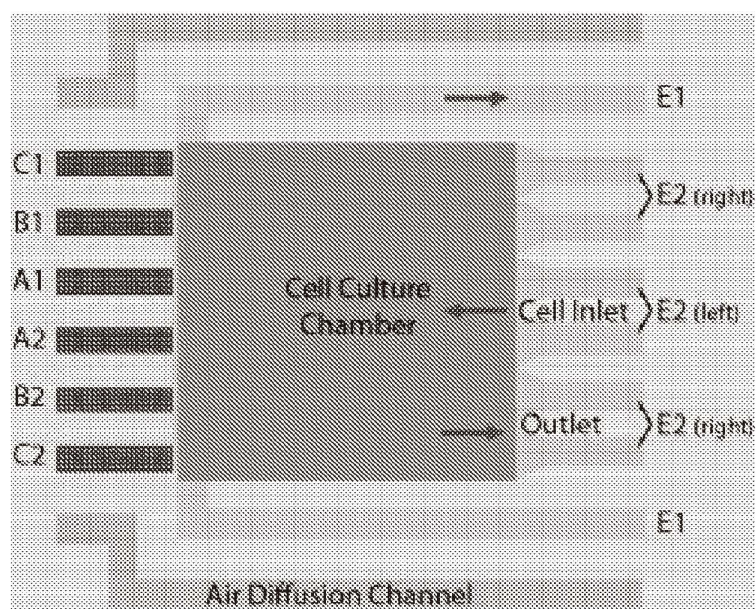


FIG.6A (SIX WELLS UPSTREAM)

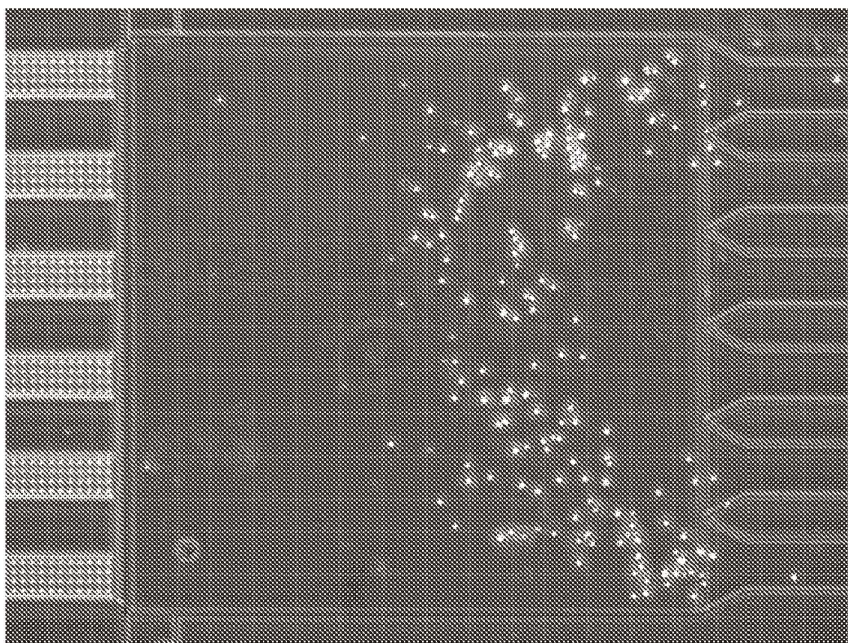


FIG.6B

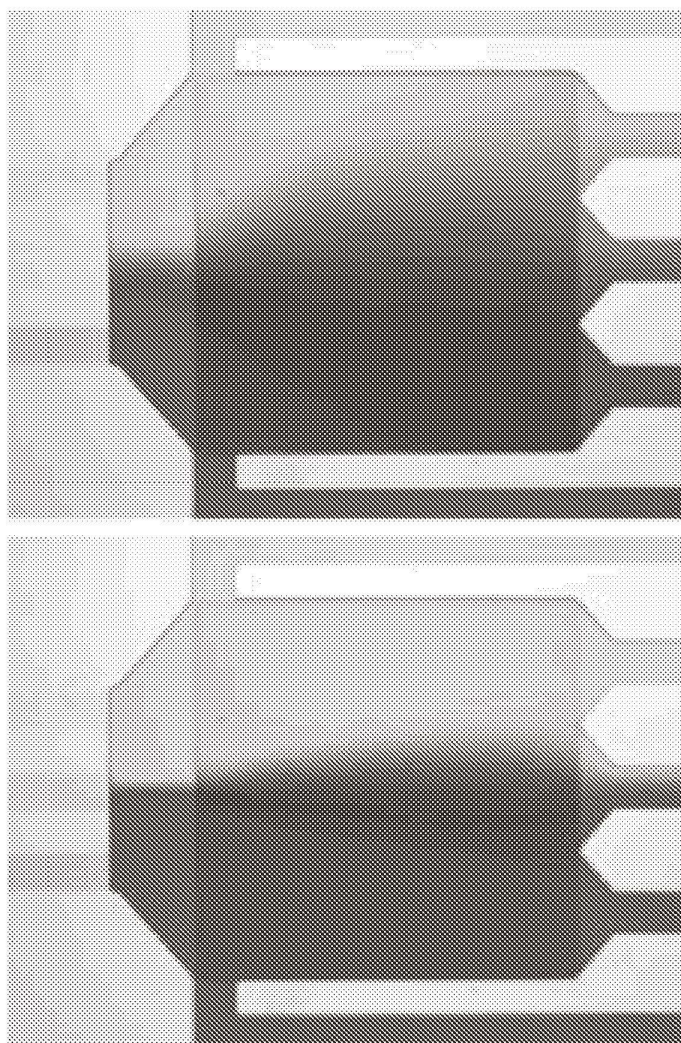


FIG.6C

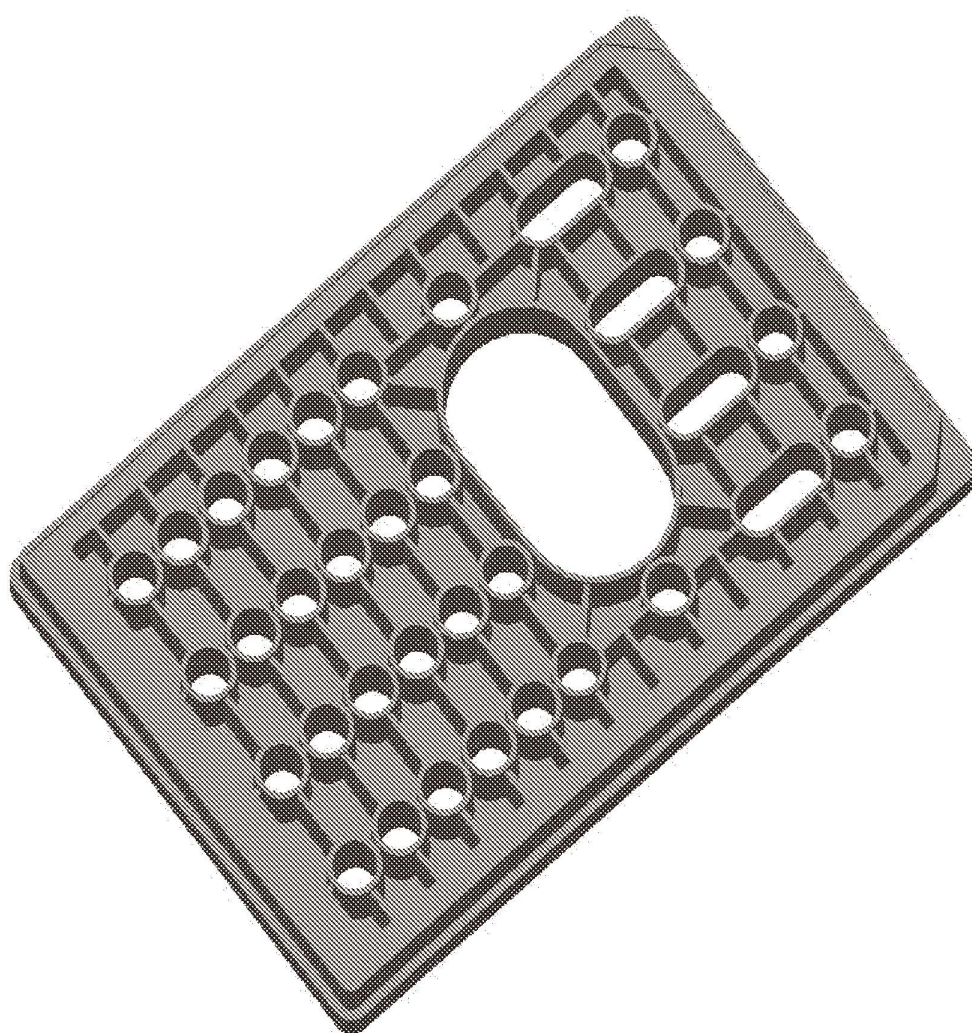
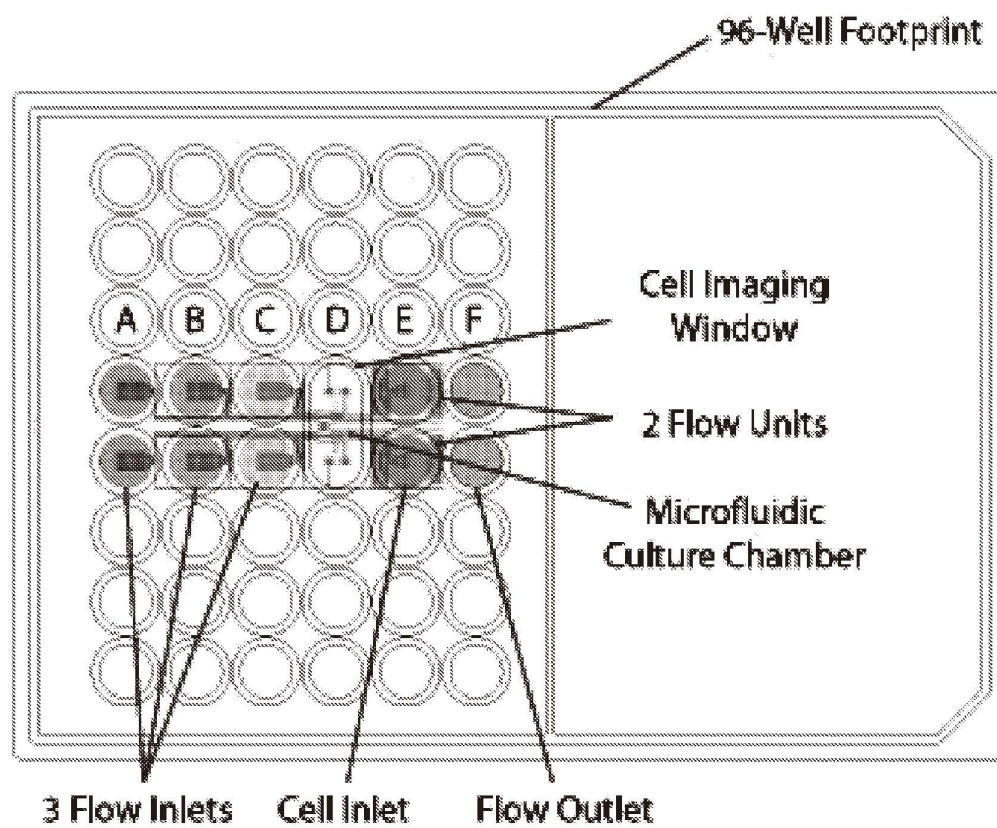


FIG. 7

**FIG. 8**

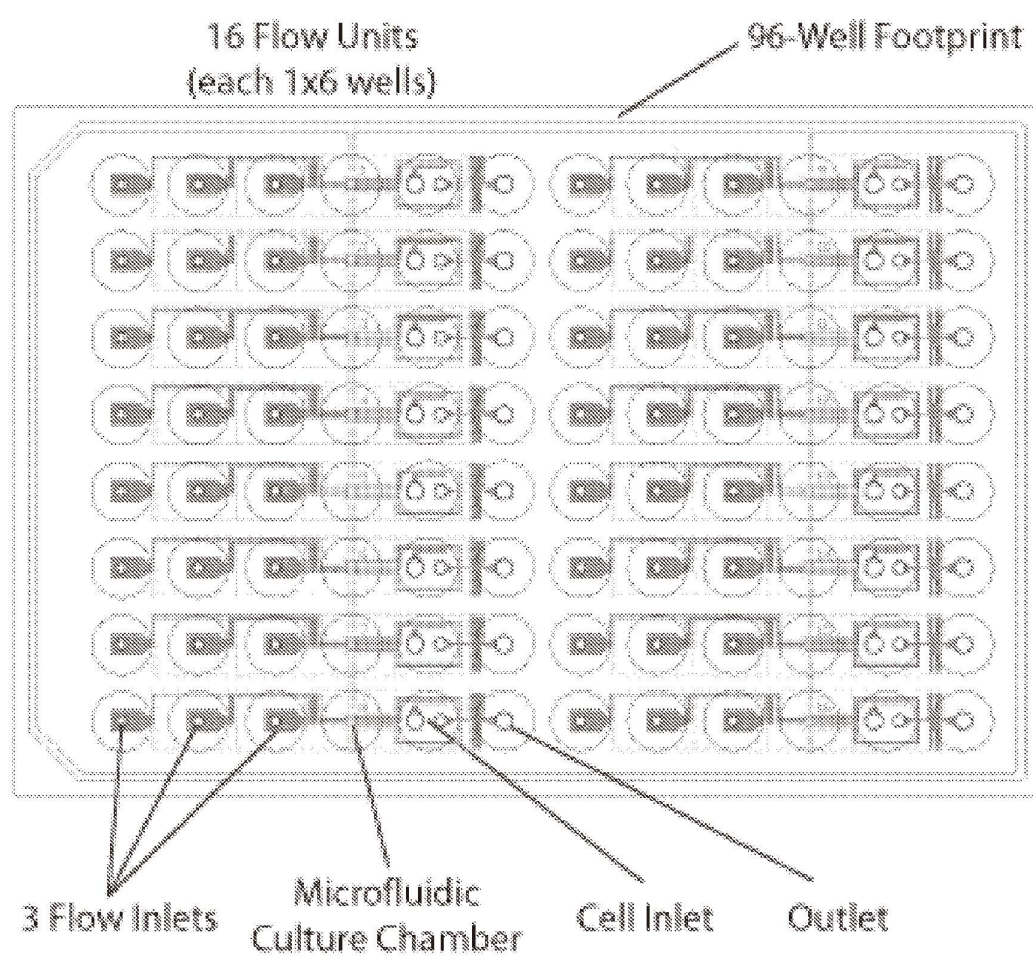
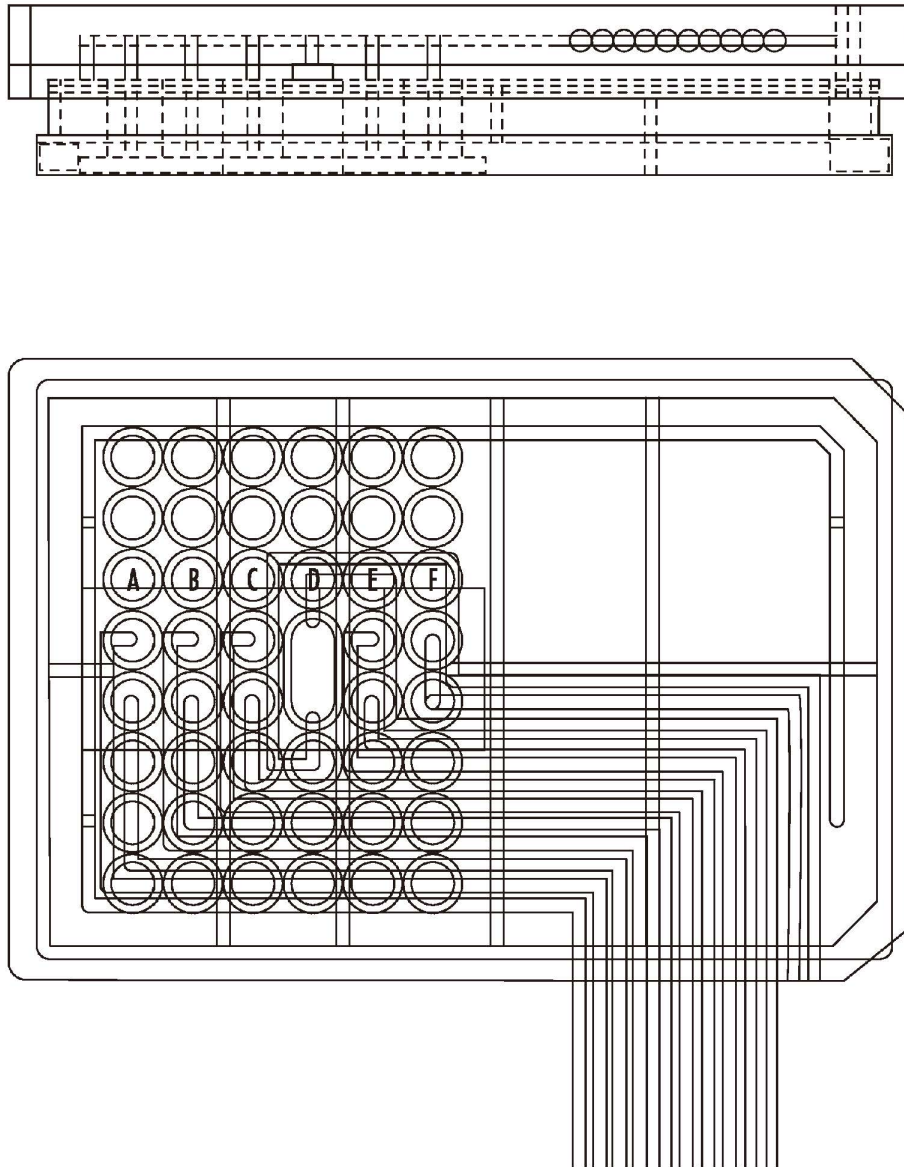


FIG. 9

**FIG. 10**

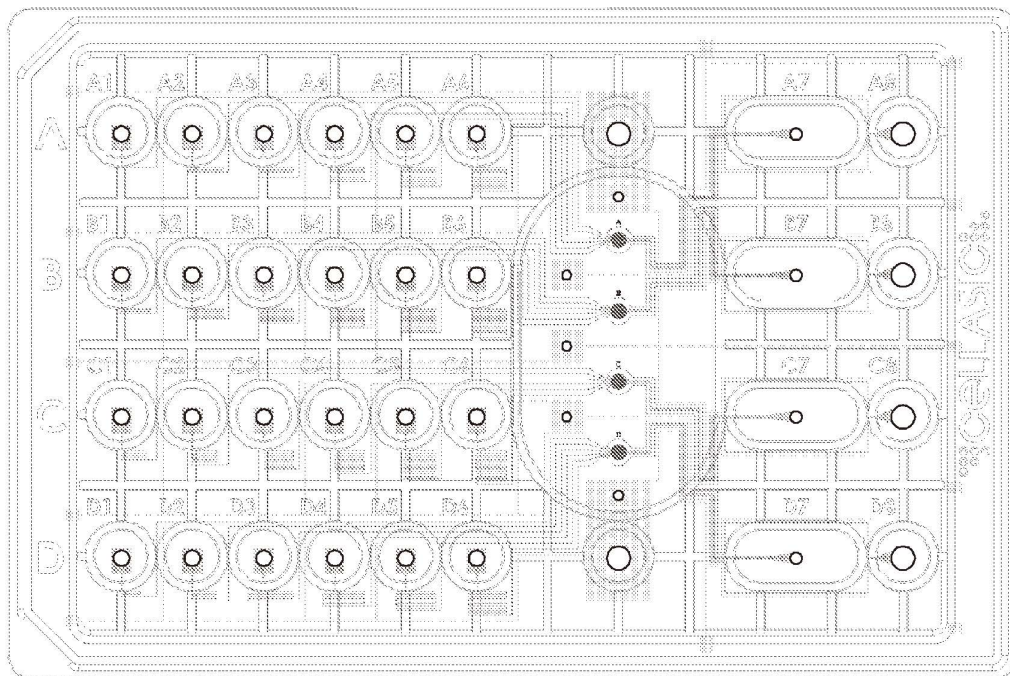


FIG. 11A

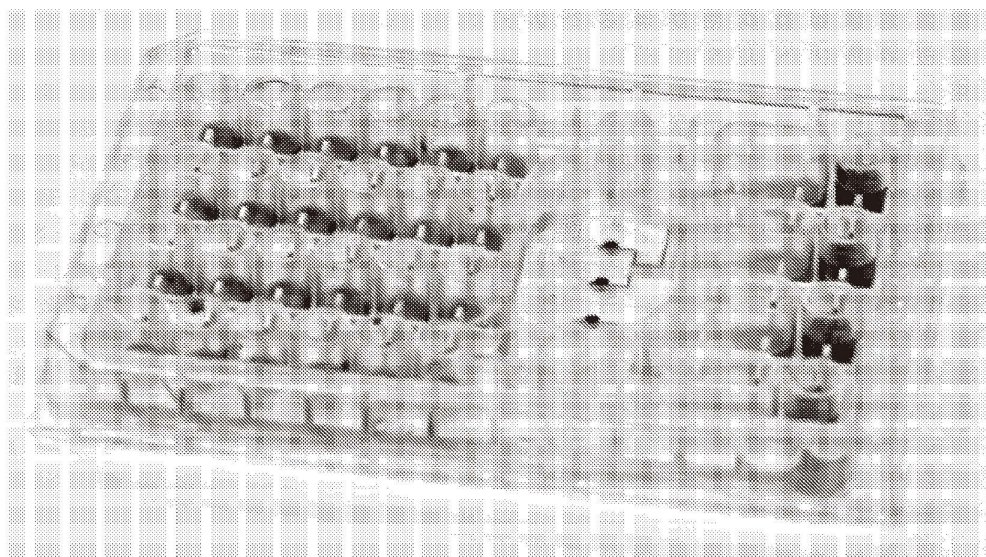
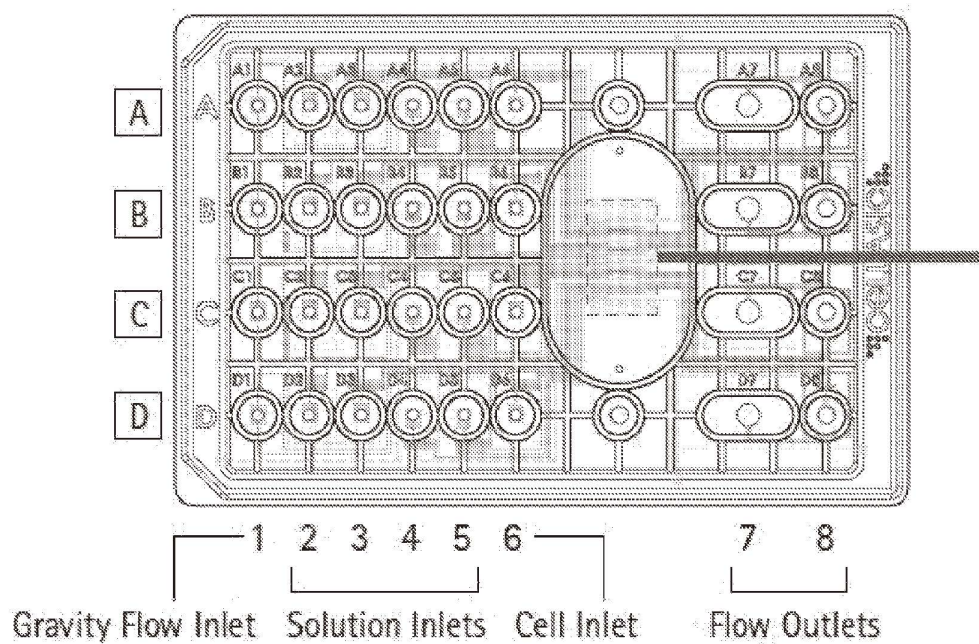


FIG.11B

(a)

**FIG. 12A**

(b)

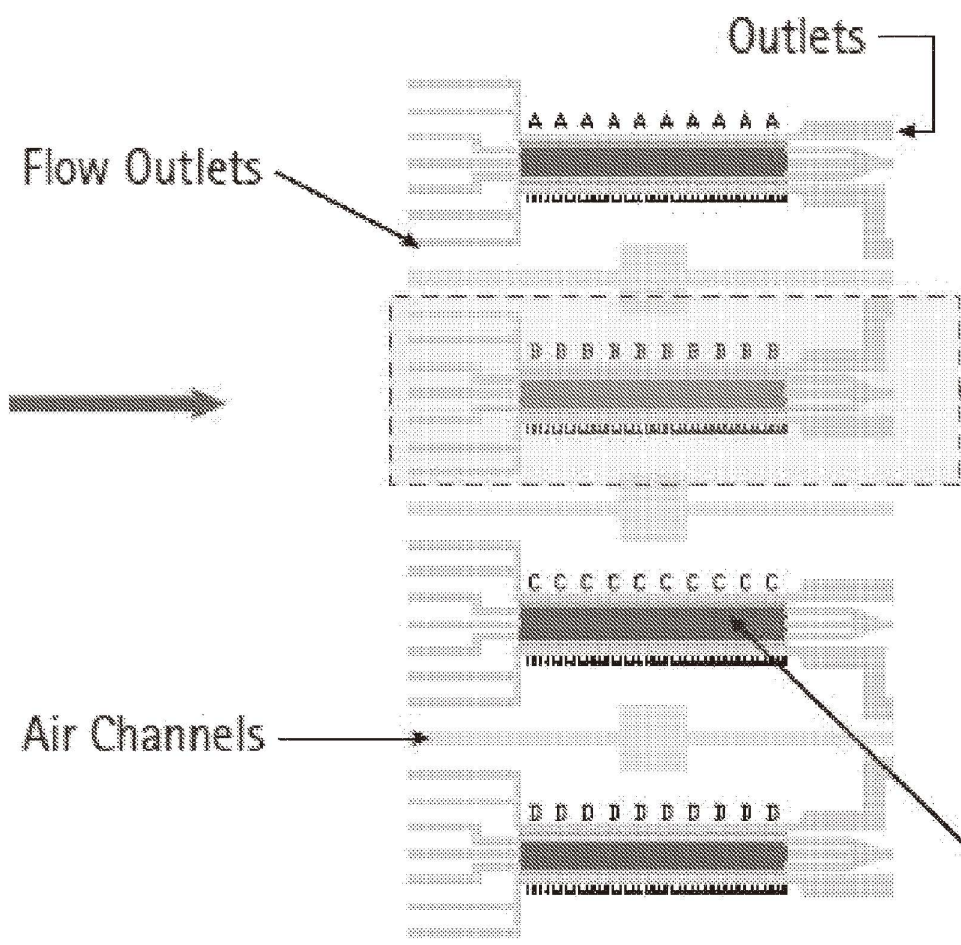


FIG.12B

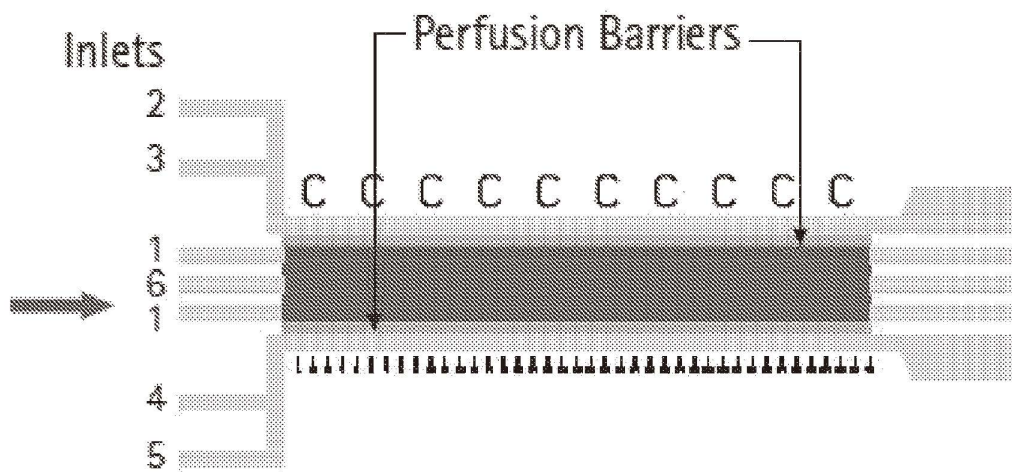


FIG.12C

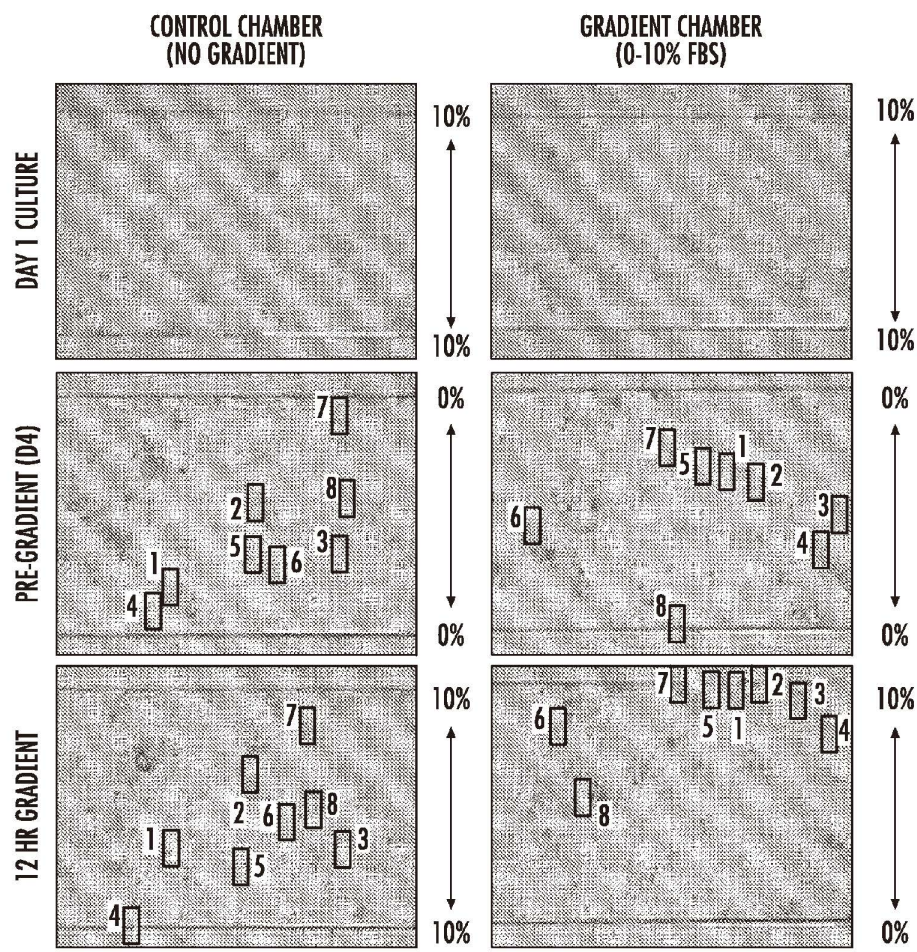
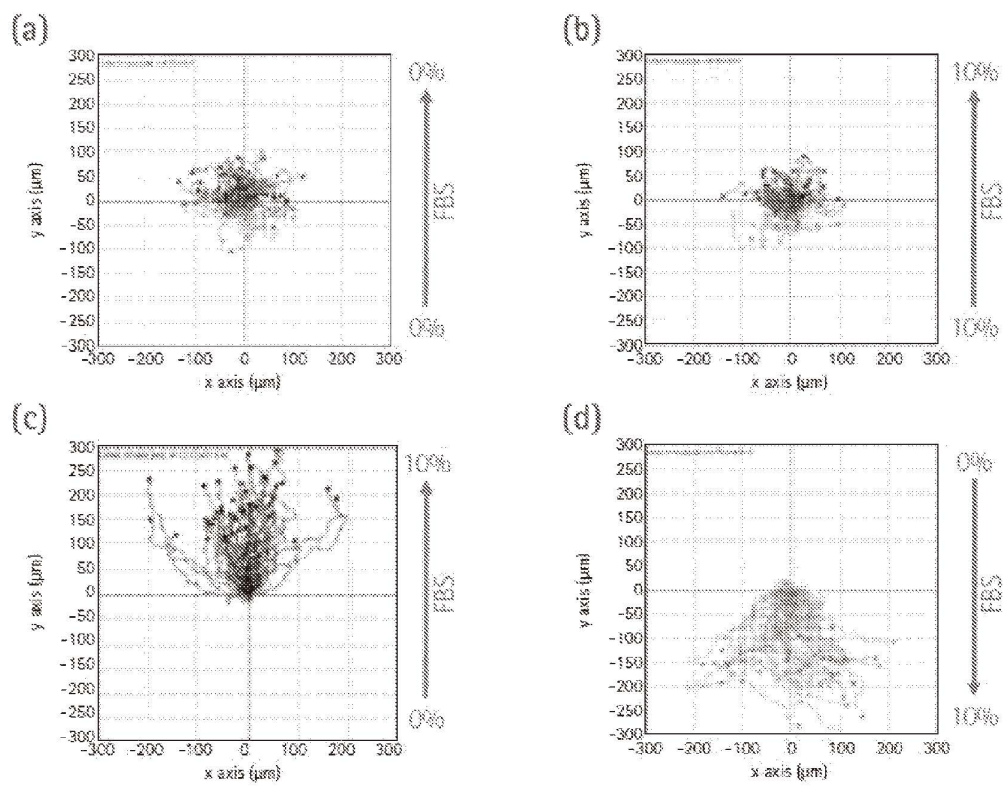
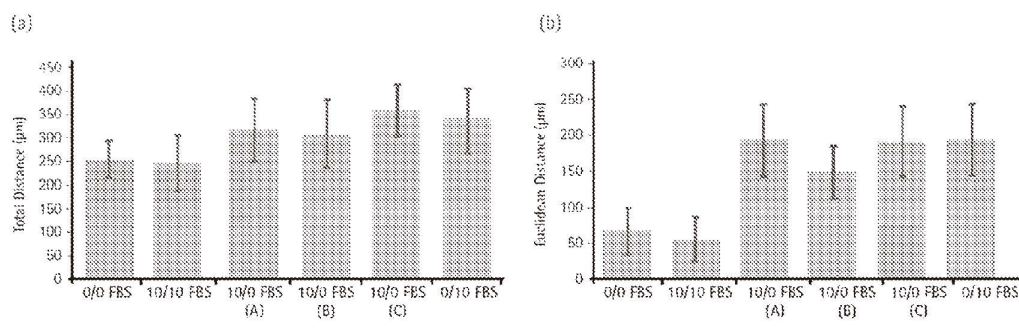
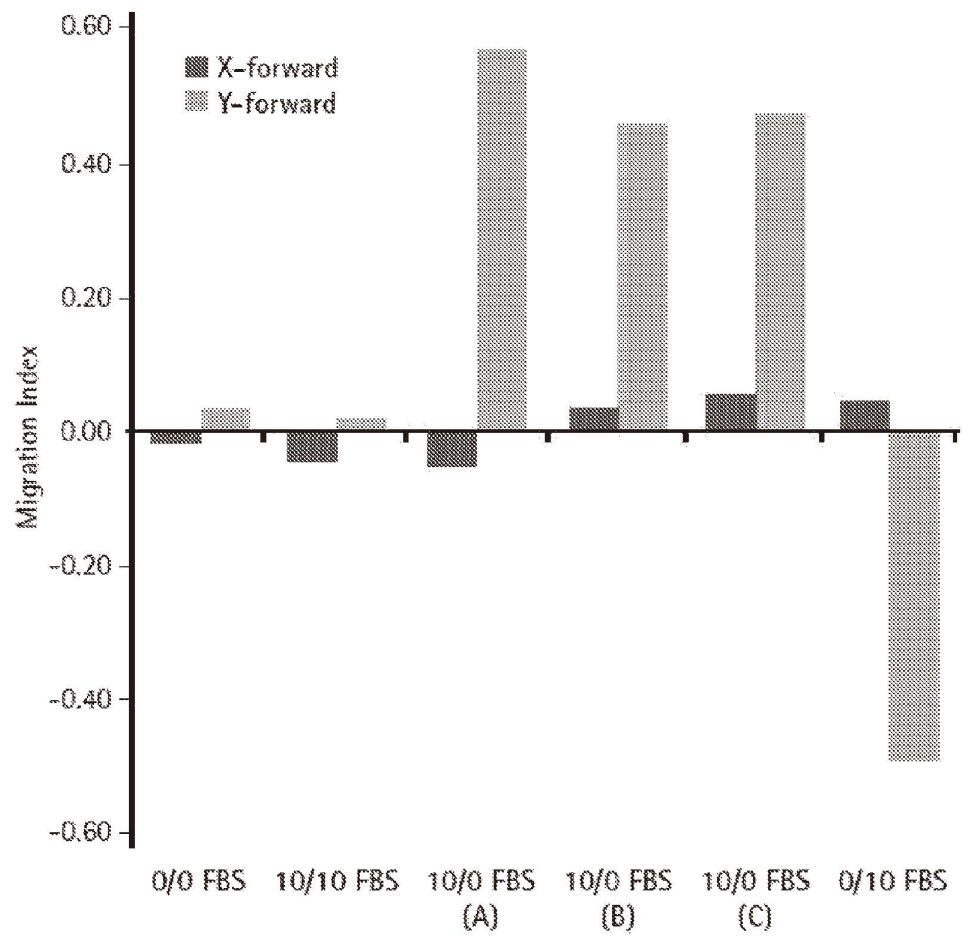
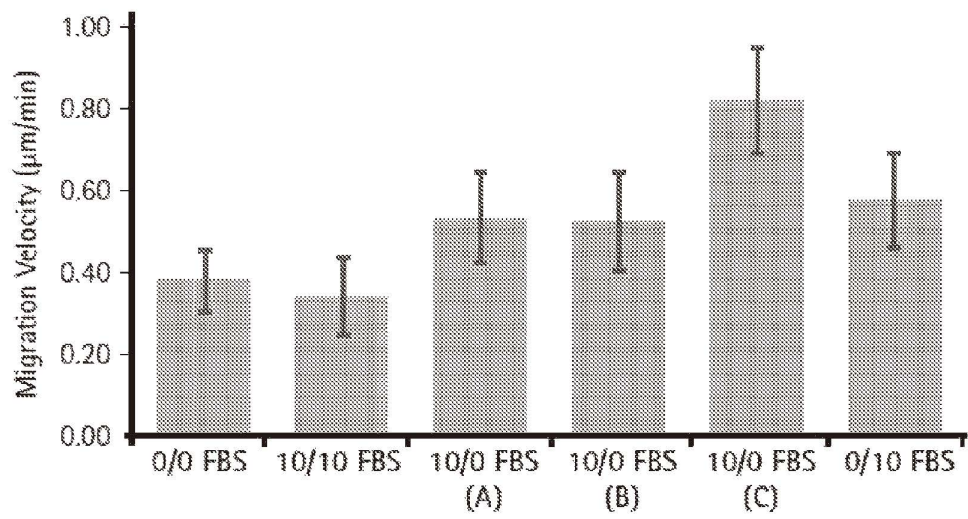


FIG. 13

**FIG.14**

**FIG.15**

**FIG.16**

**FIG.17**

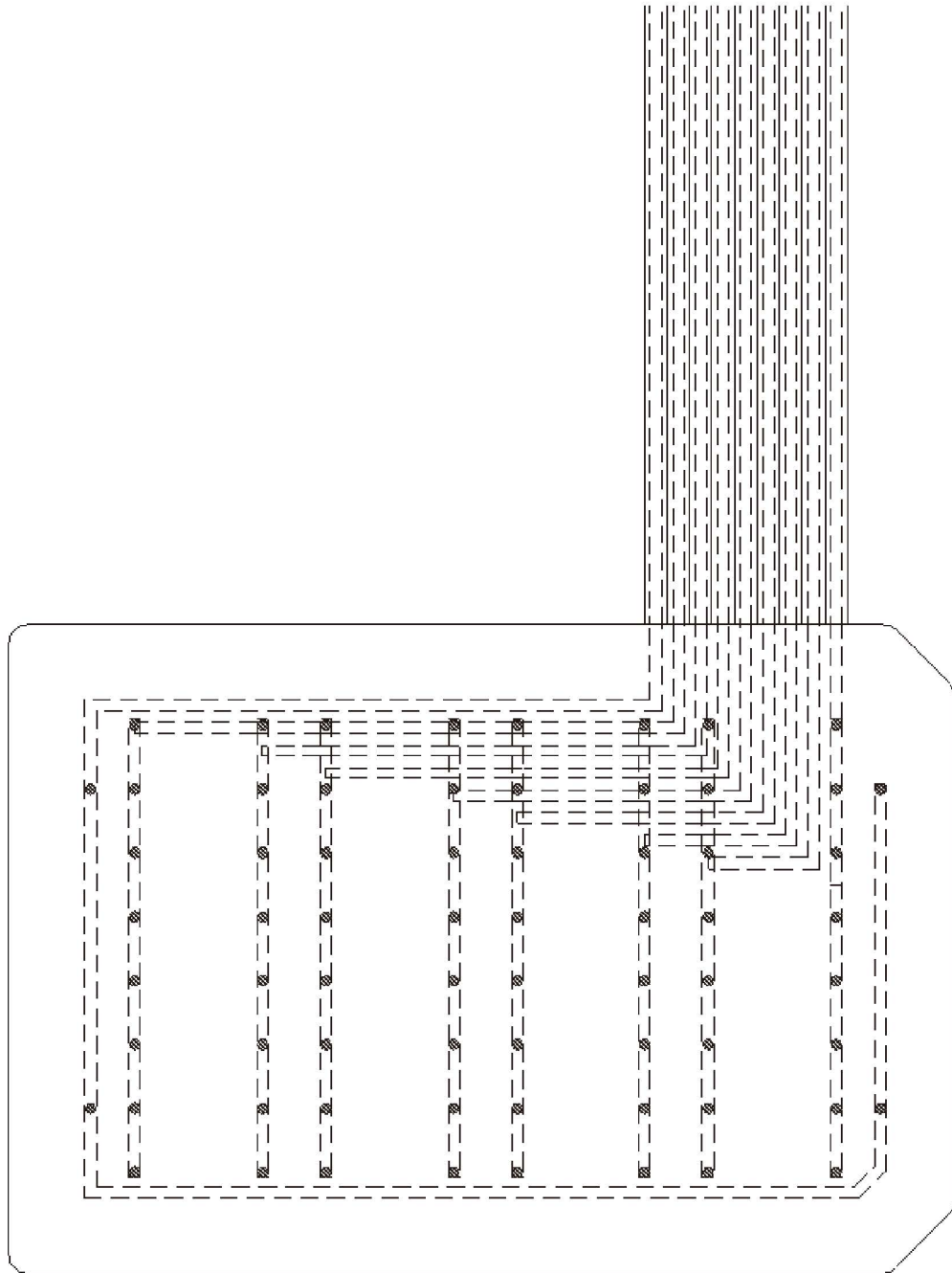


FIG. 18A

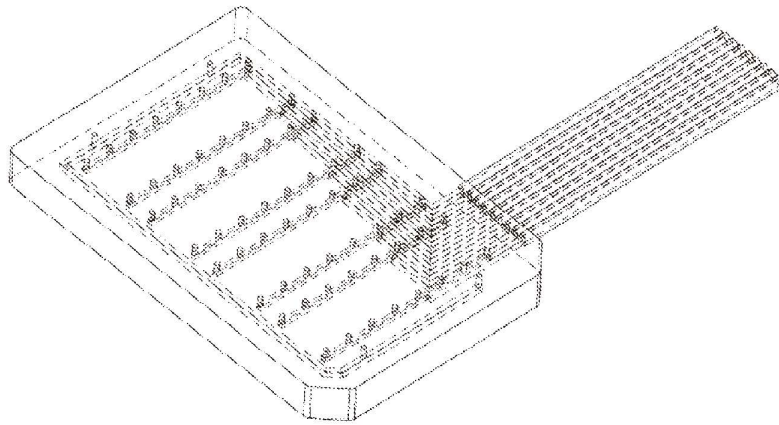


FIG. 18B

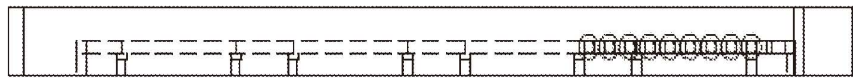


FIG. 18C

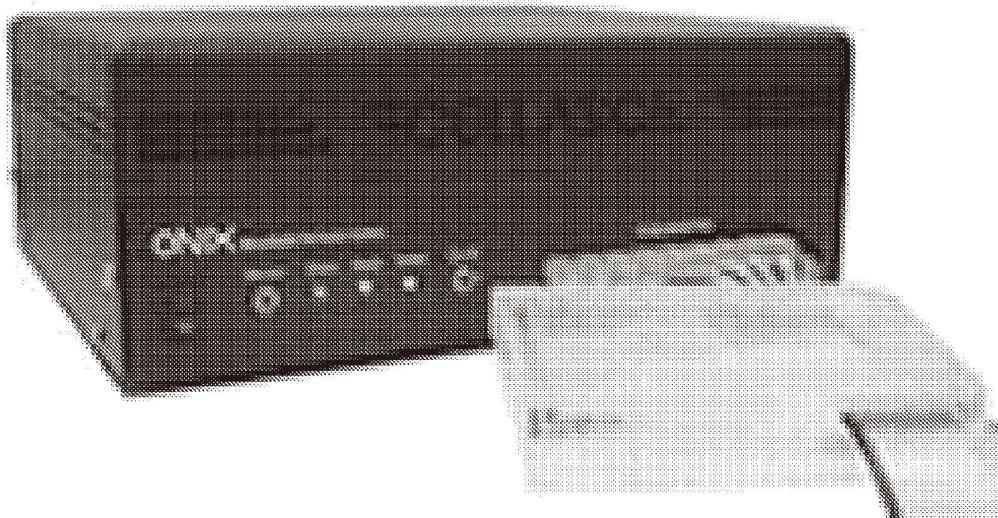
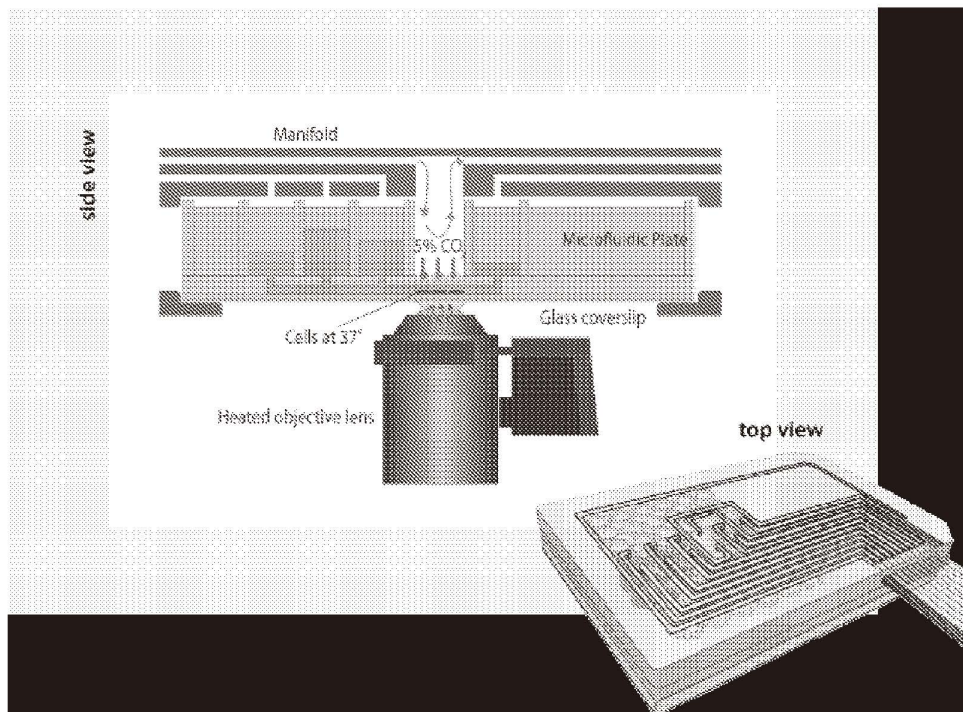
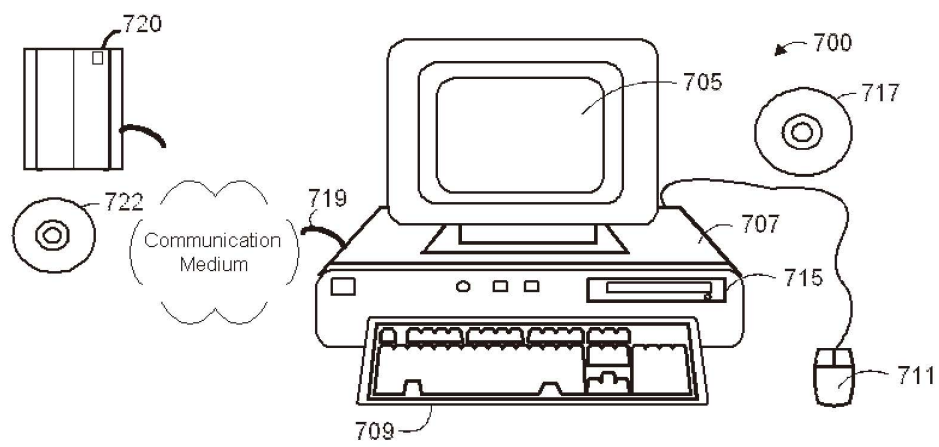


FIG. 19

**FIG. 20**

**FIG. 21**

<i>Disease Classification</i>	<i>Disease</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 Difficile 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. 22. (TABLE 1)