

1/72

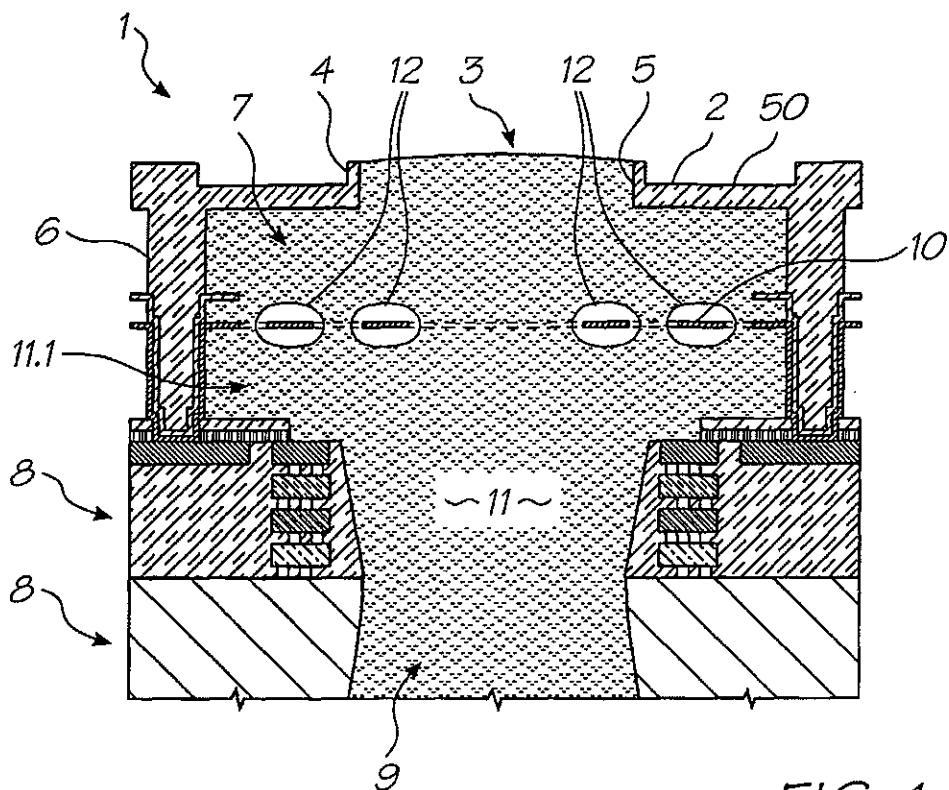


FIG. 1

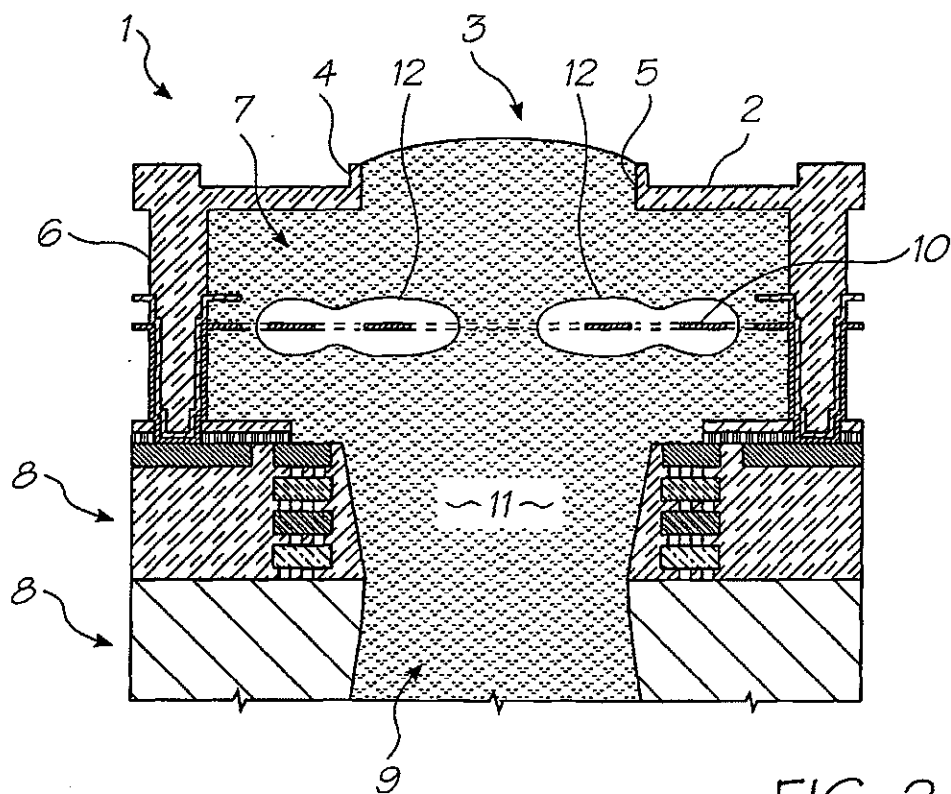
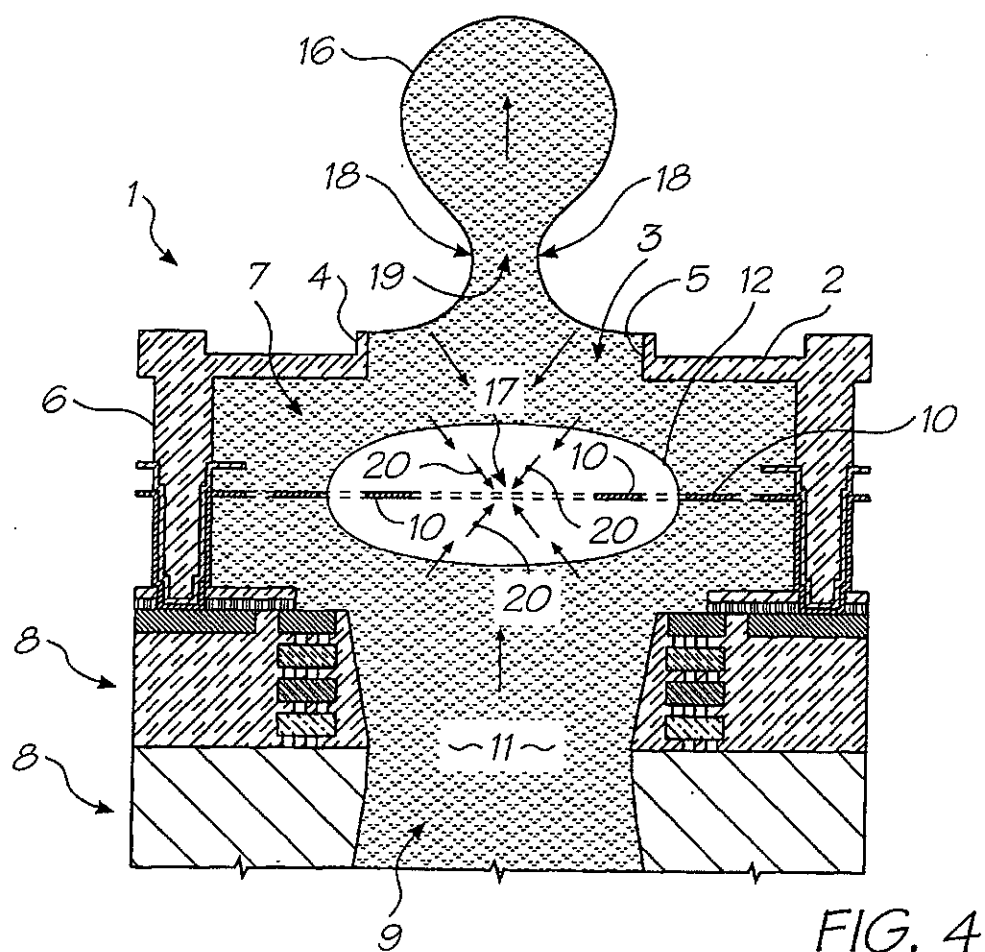
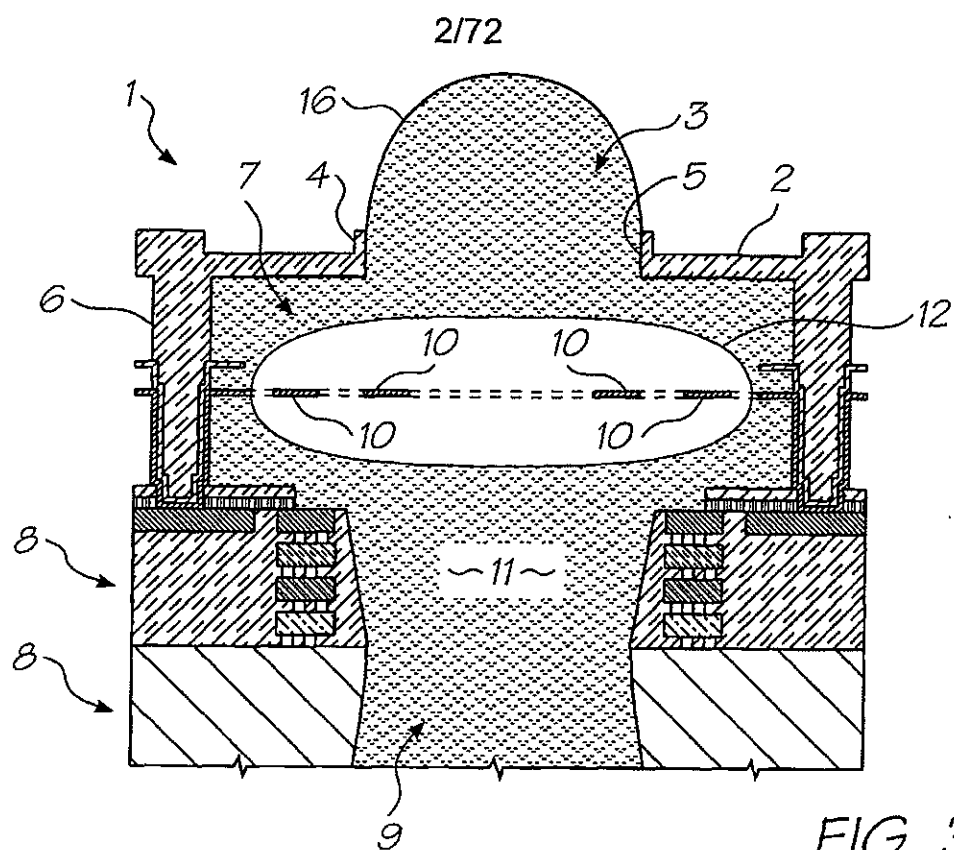


FIG. 2



3/72

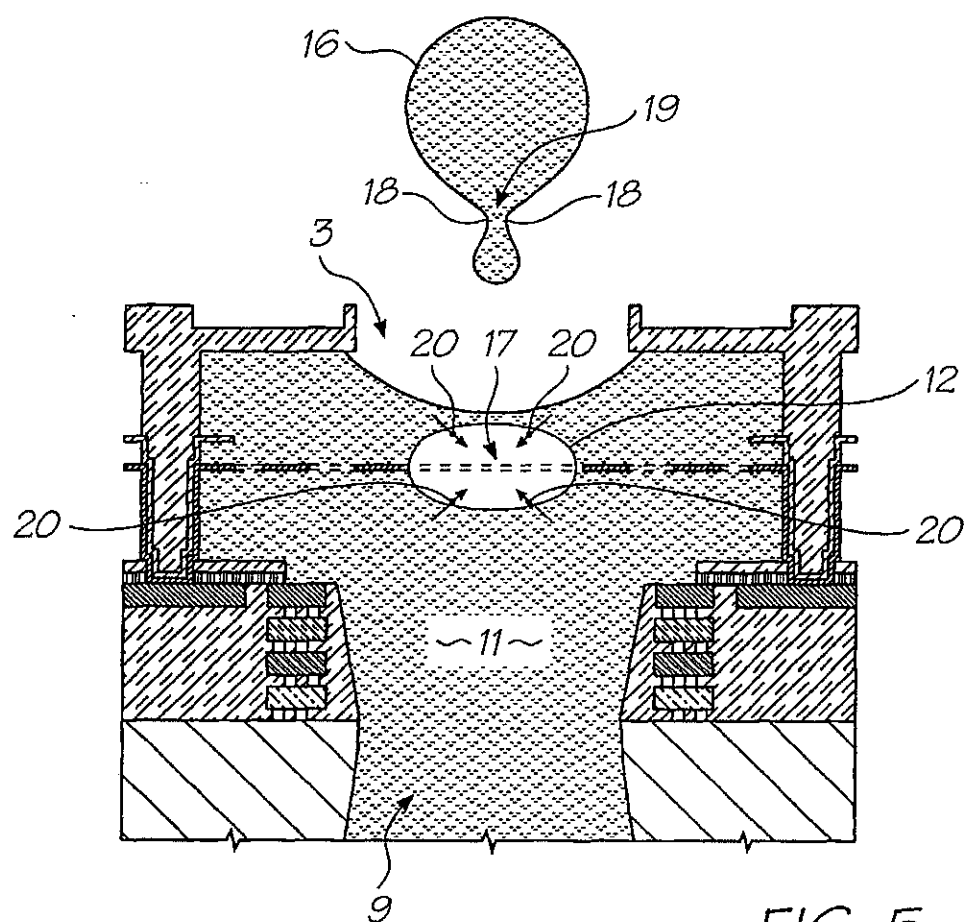


FIG. 5

4/72

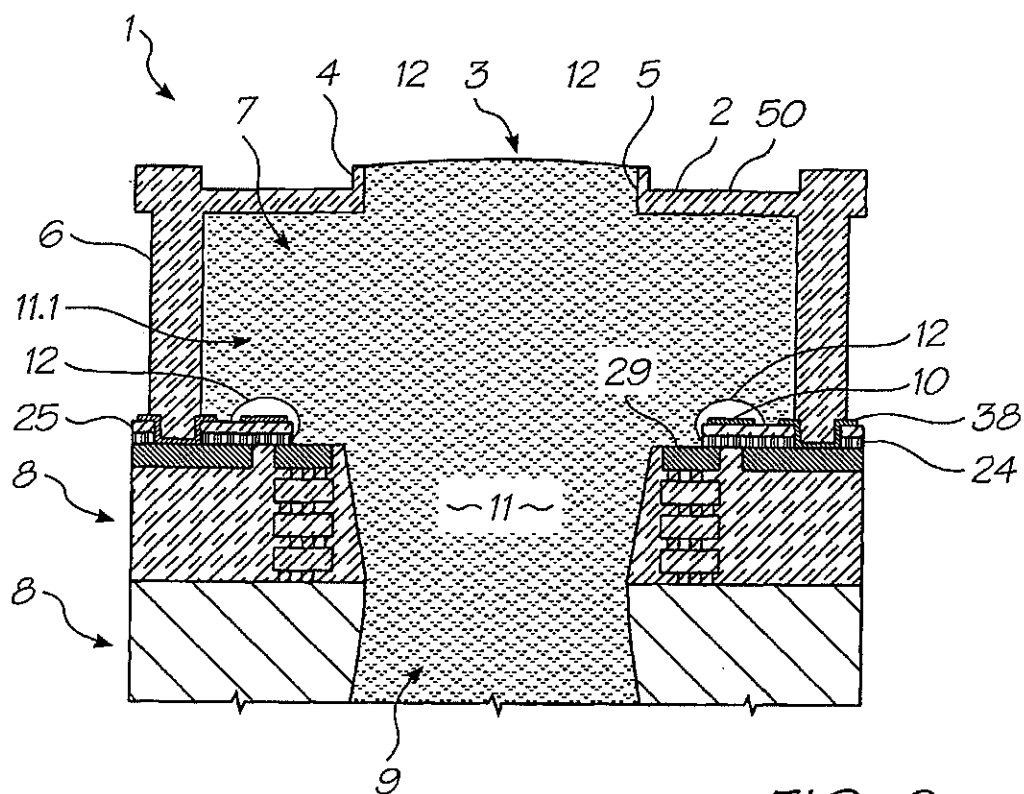


FIG. 6

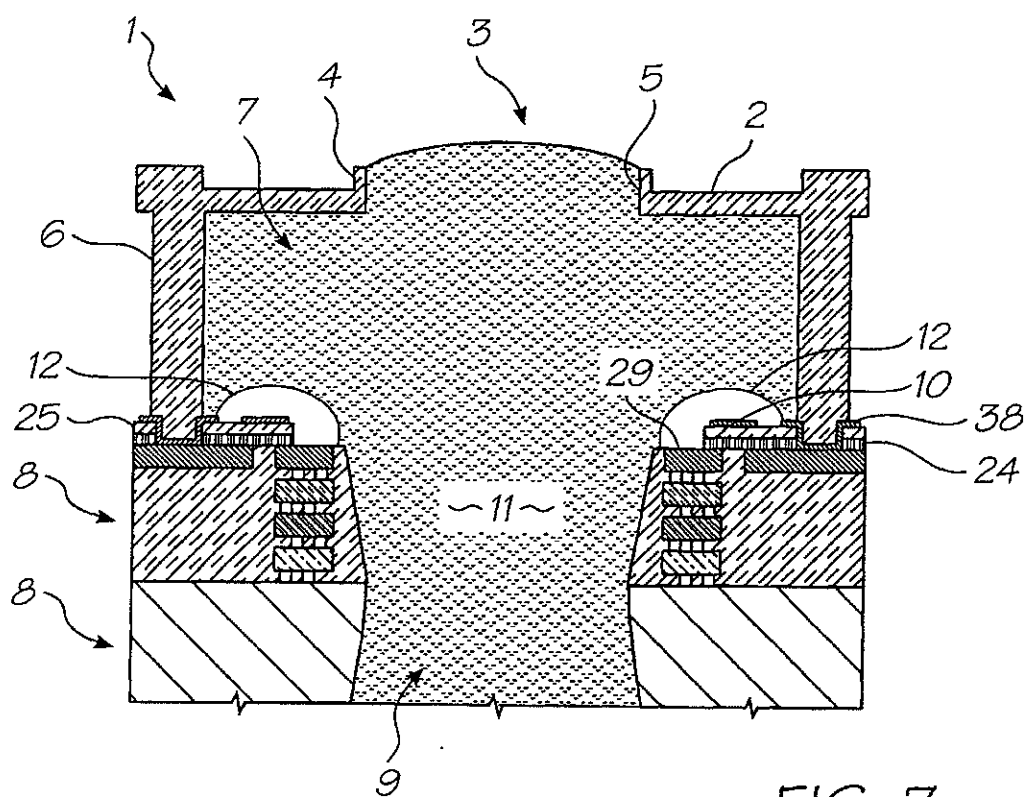


FIG. 7

5/72

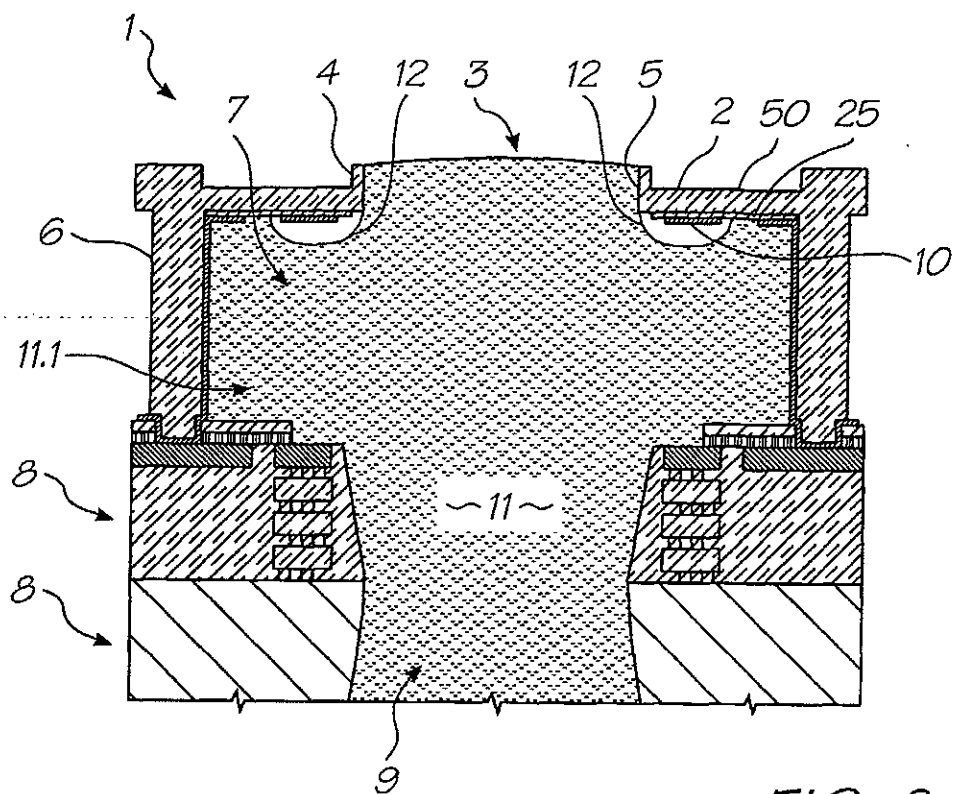


FIG. 8

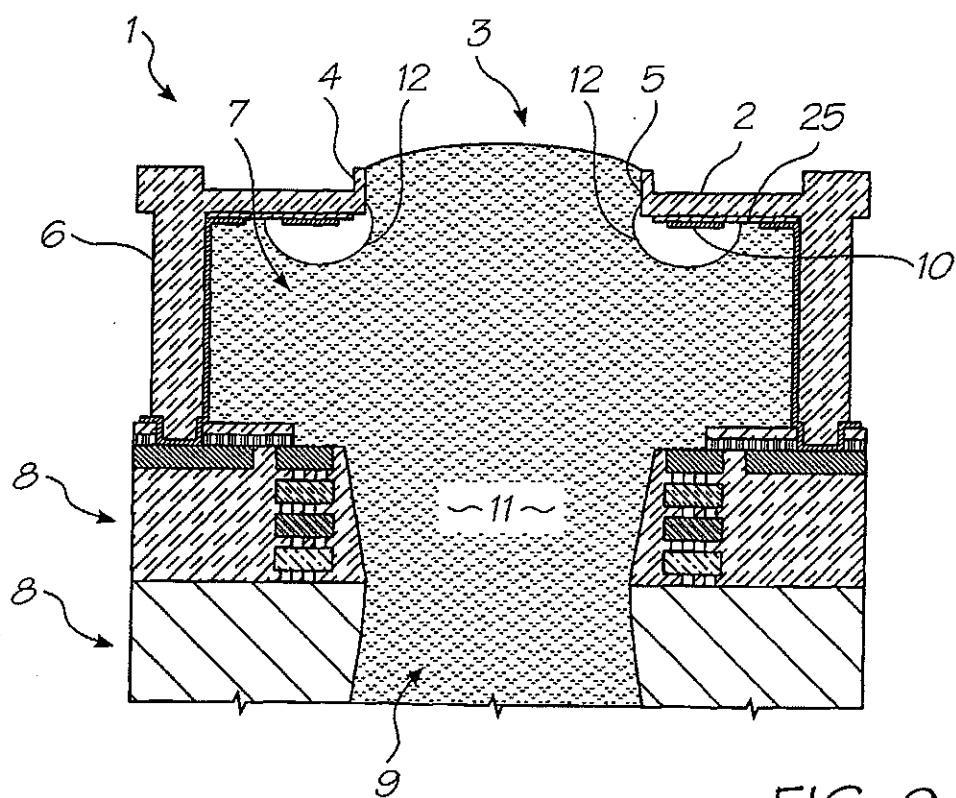


FIG. 9

6/72

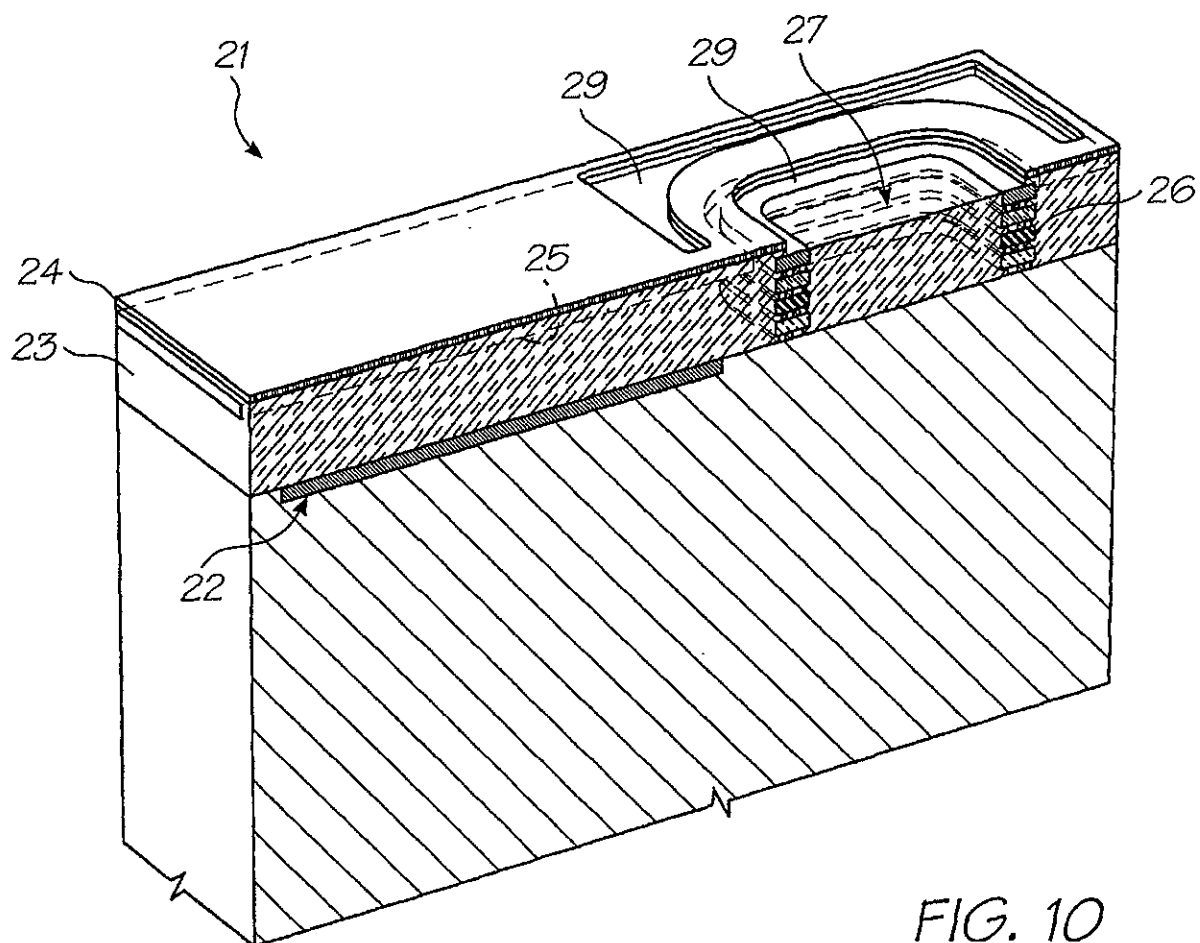


FIG. 10

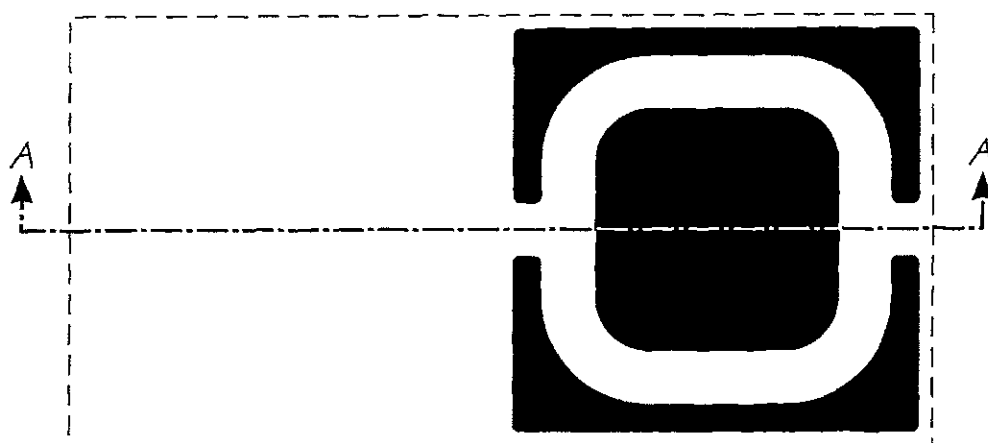


FIG. 11

7/72

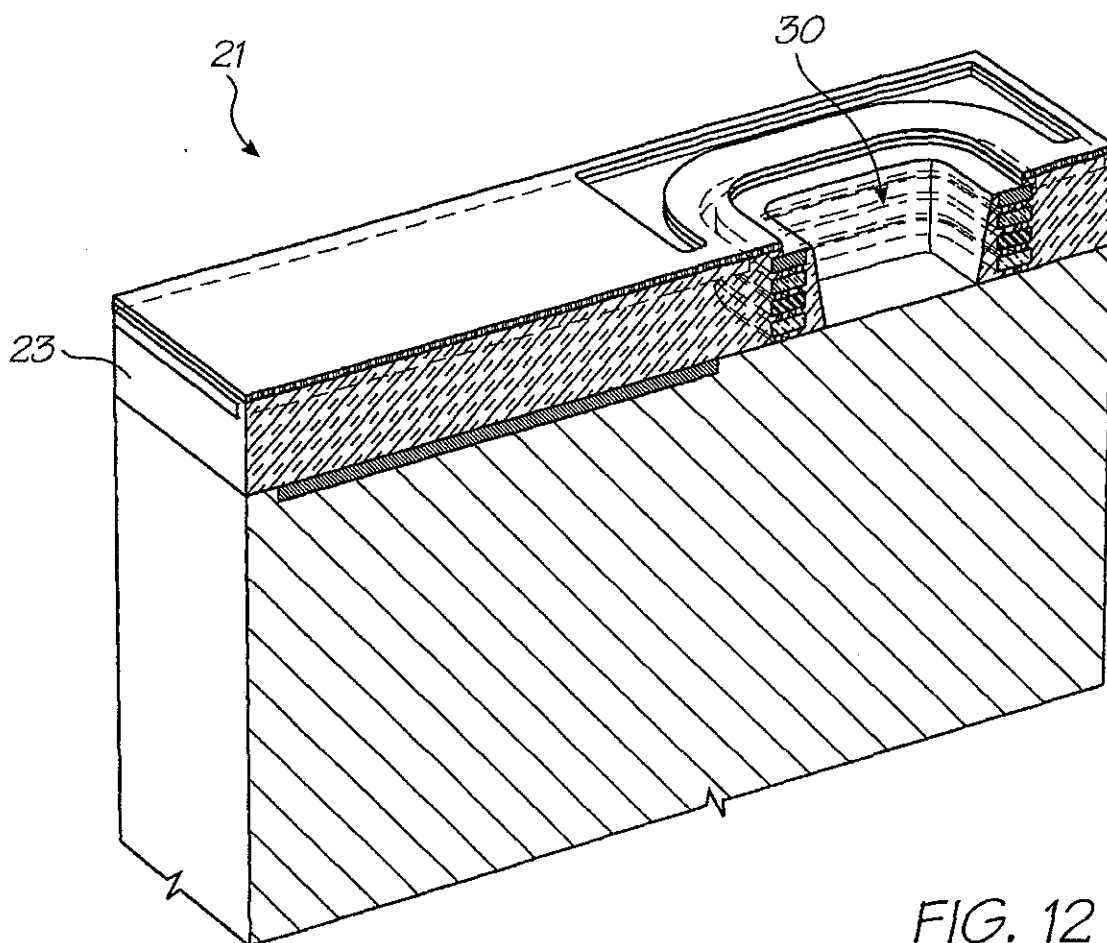


FIG. 12

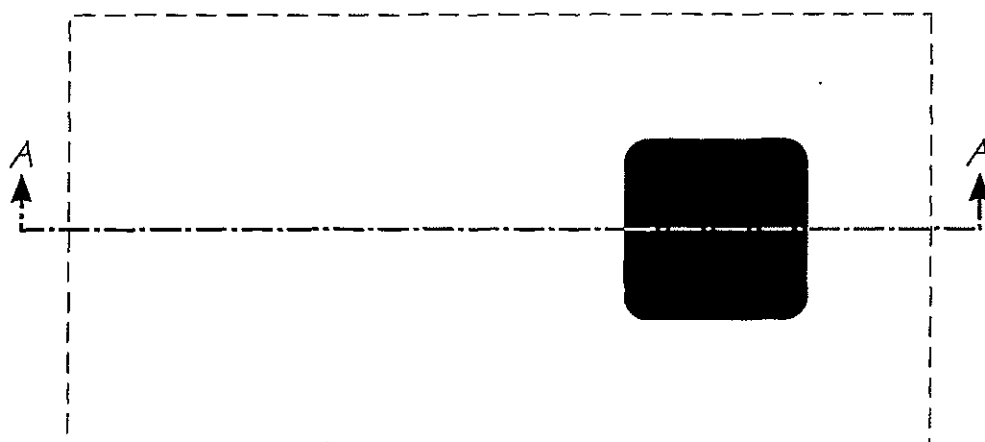


FIG. 13

8/72

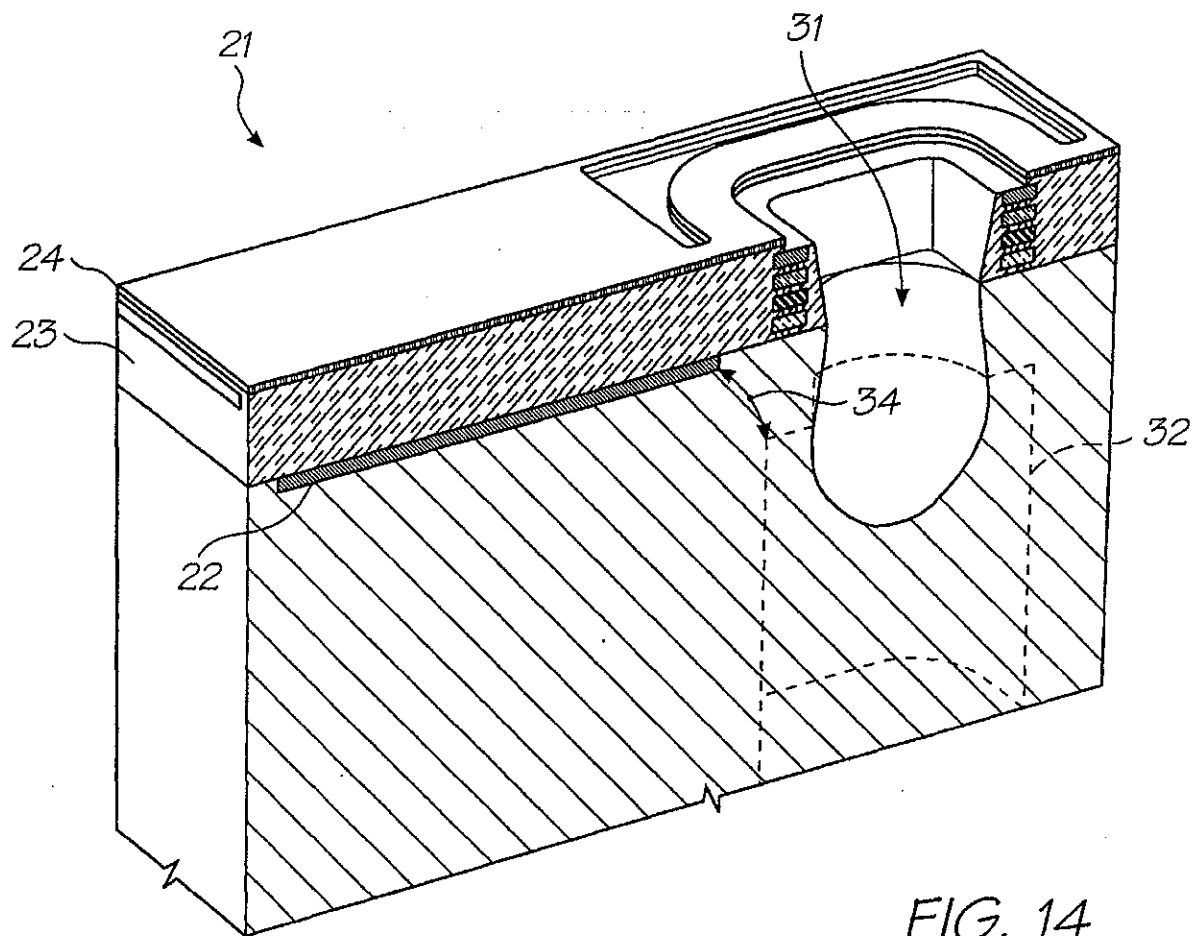
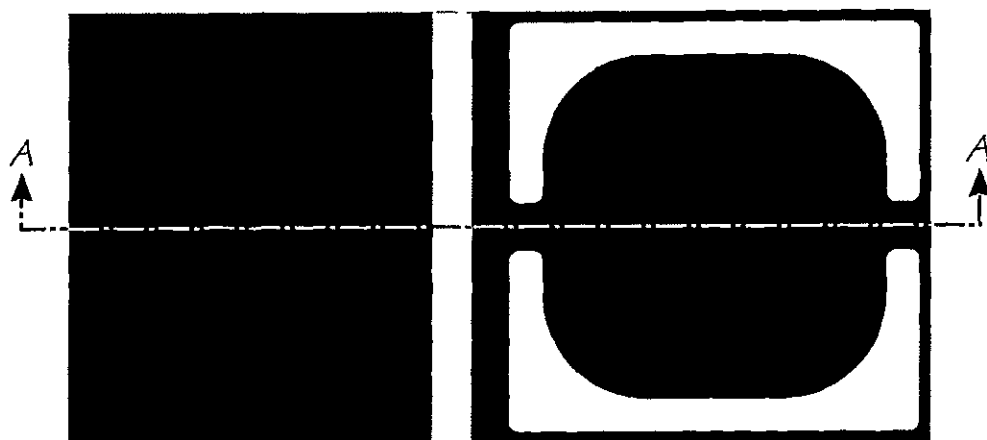
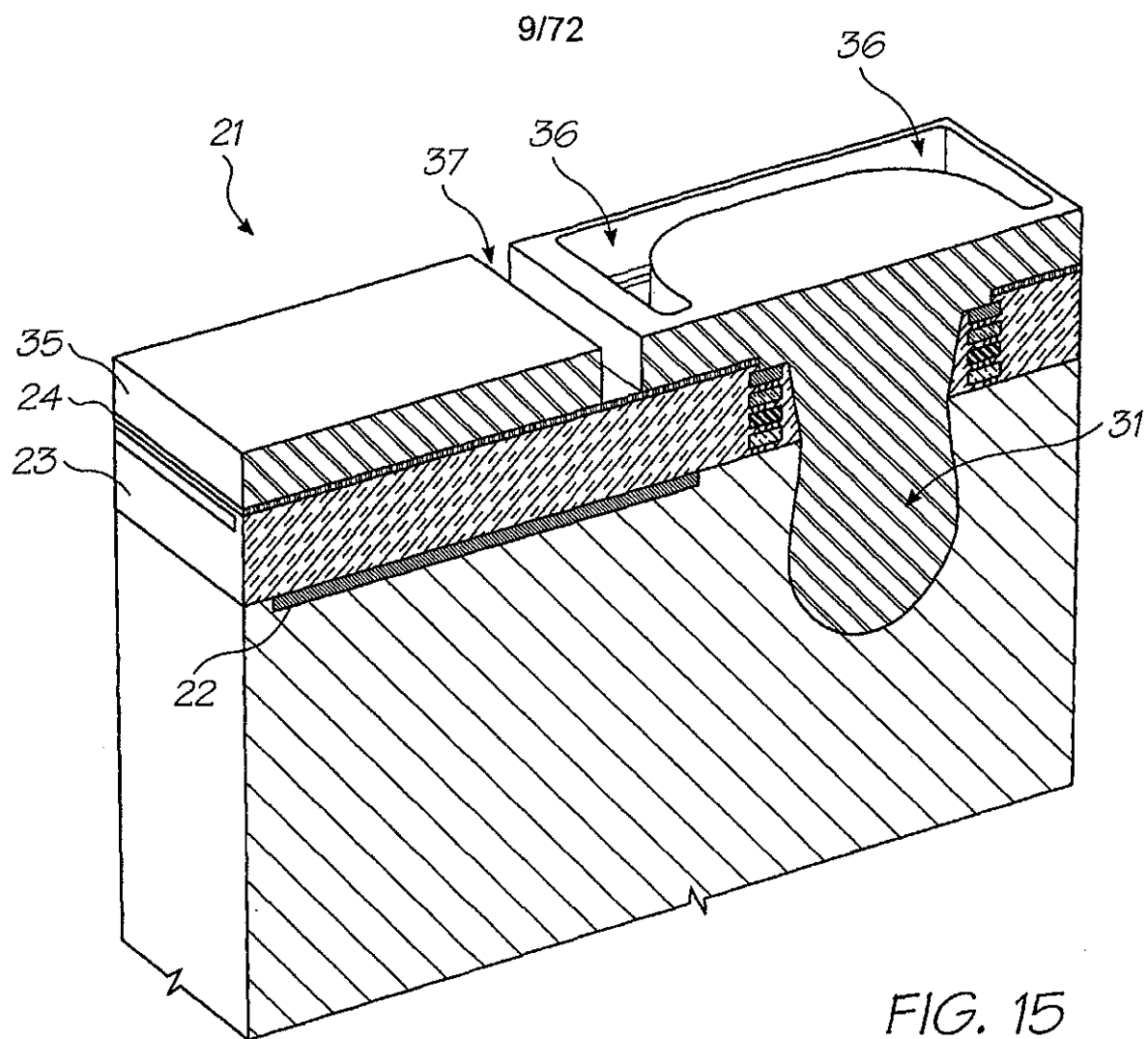


FIG. 14



10/72

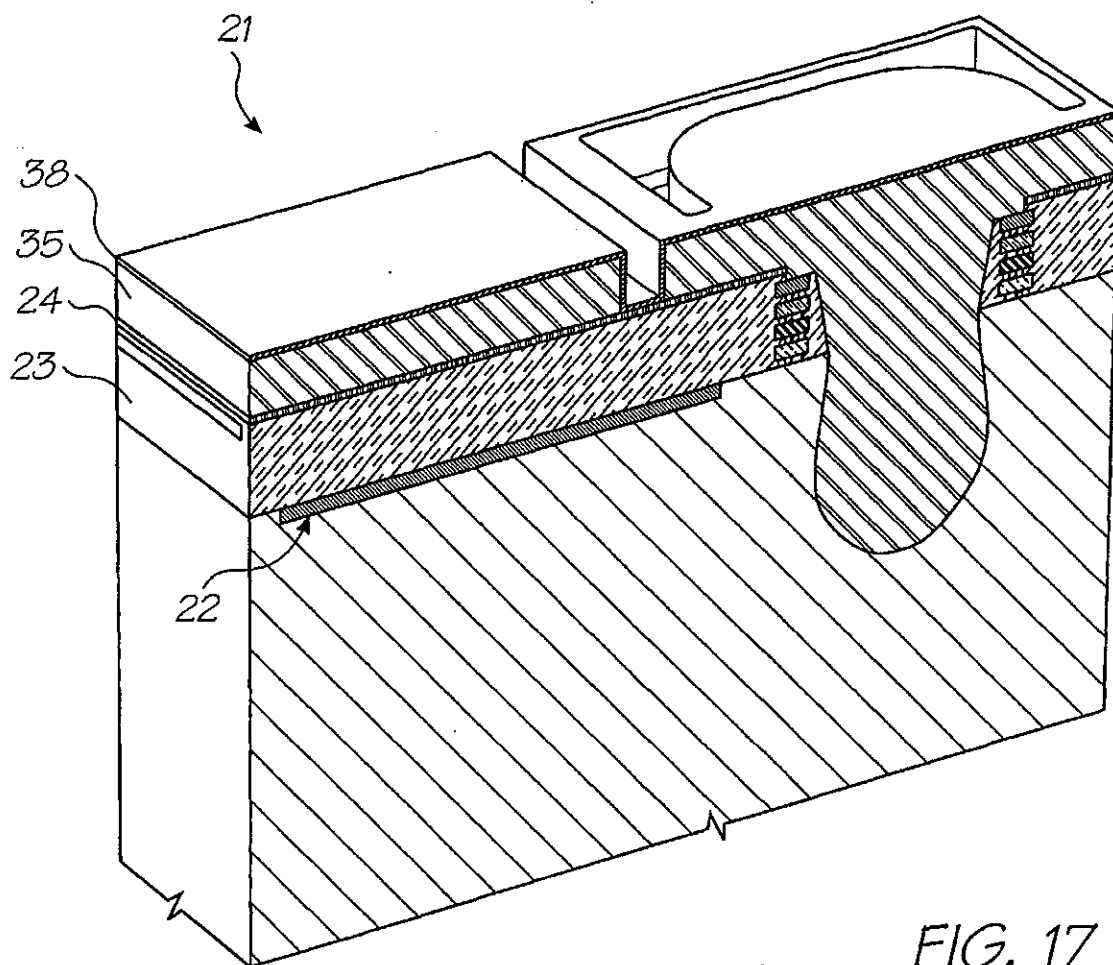


FIG. 17

11/72

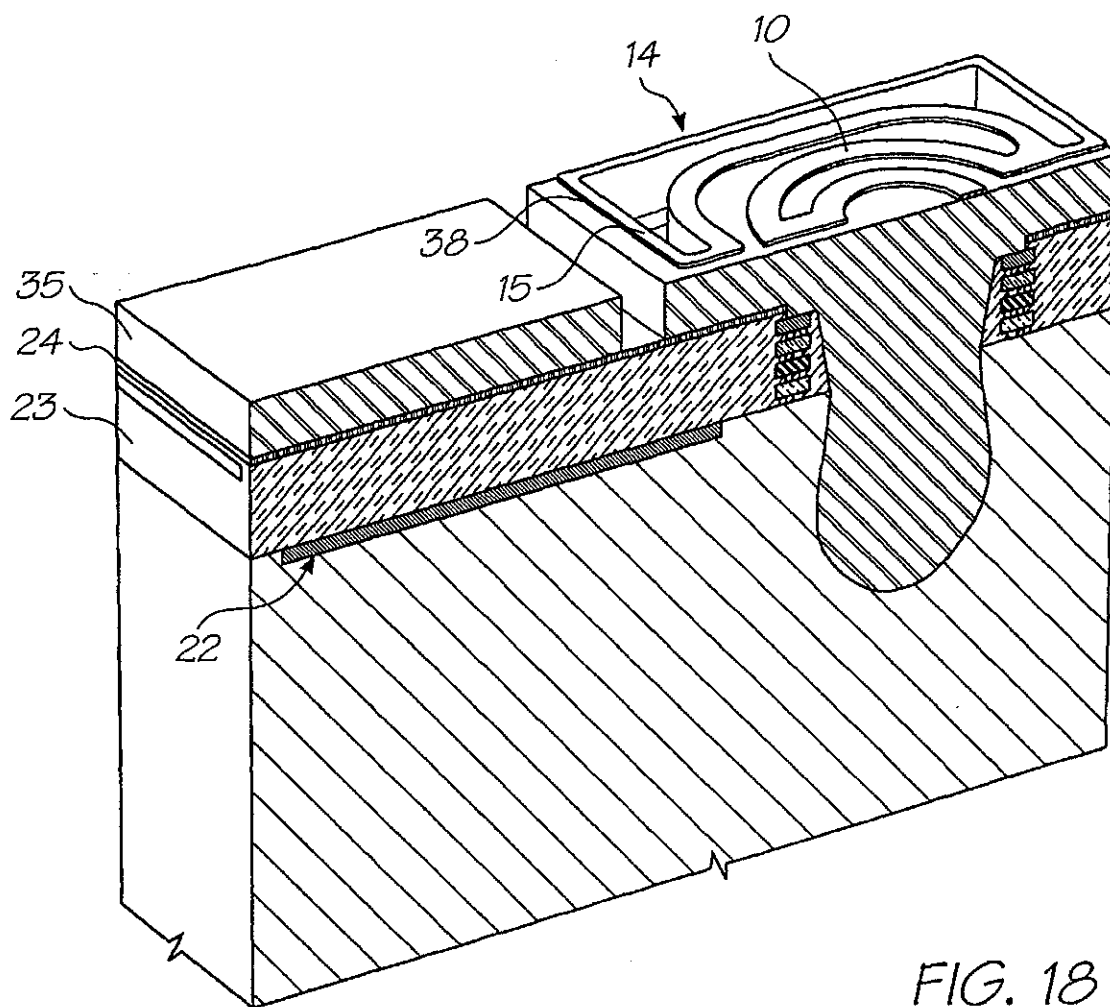


FIG. 18

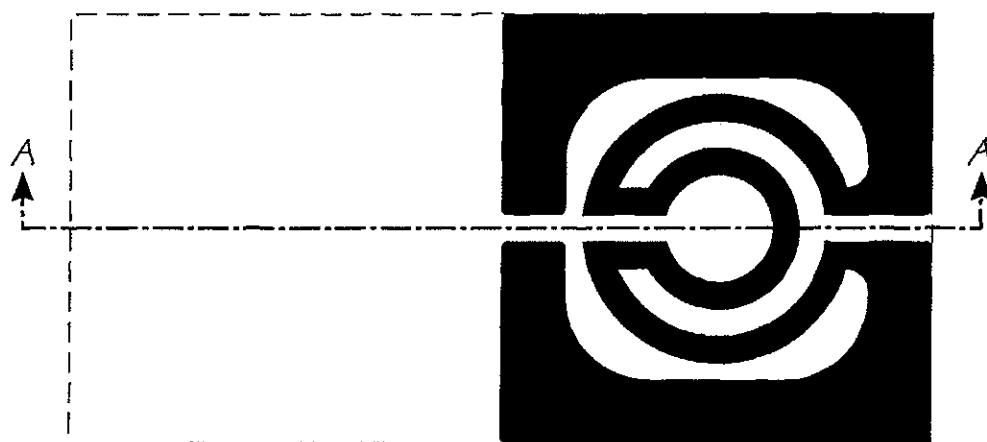


FIG. 19

12/72

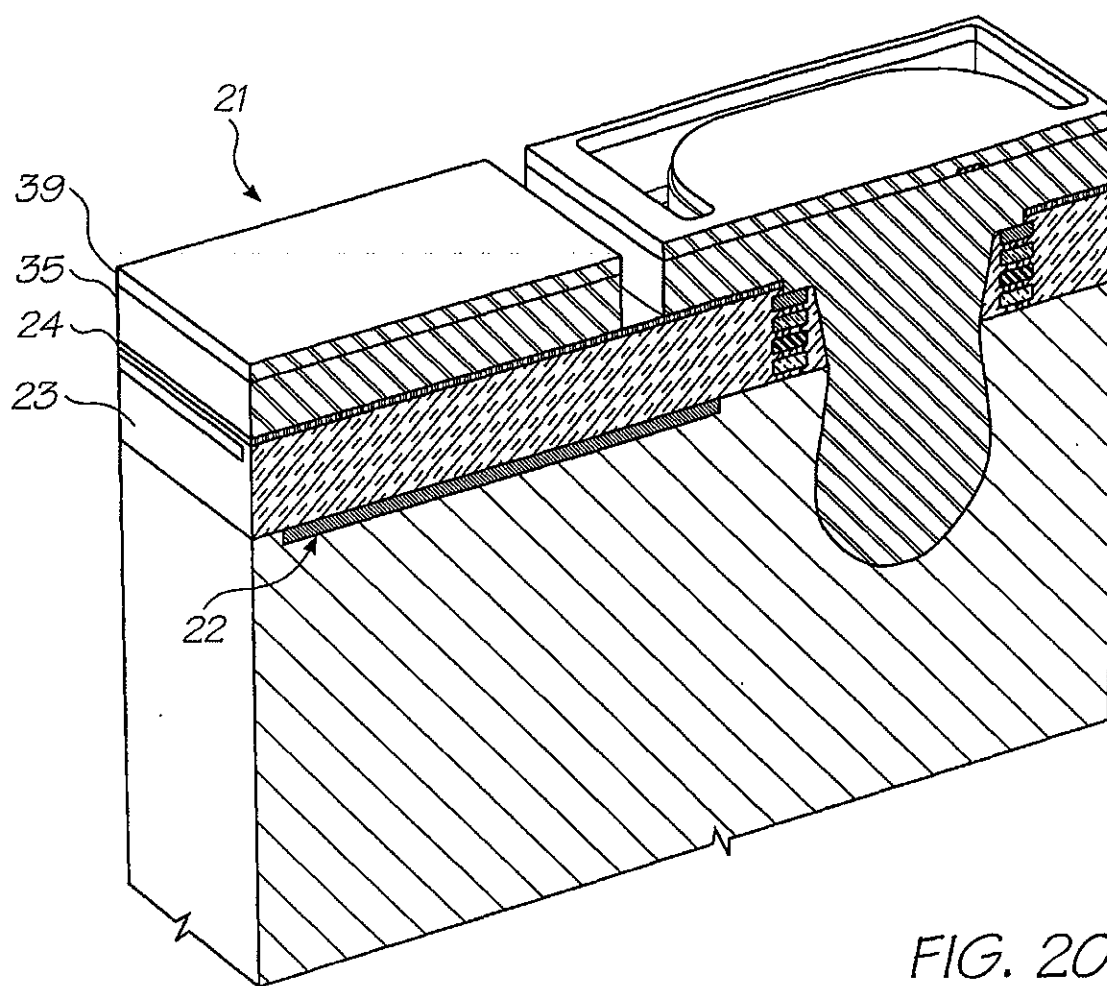


FIG. 20

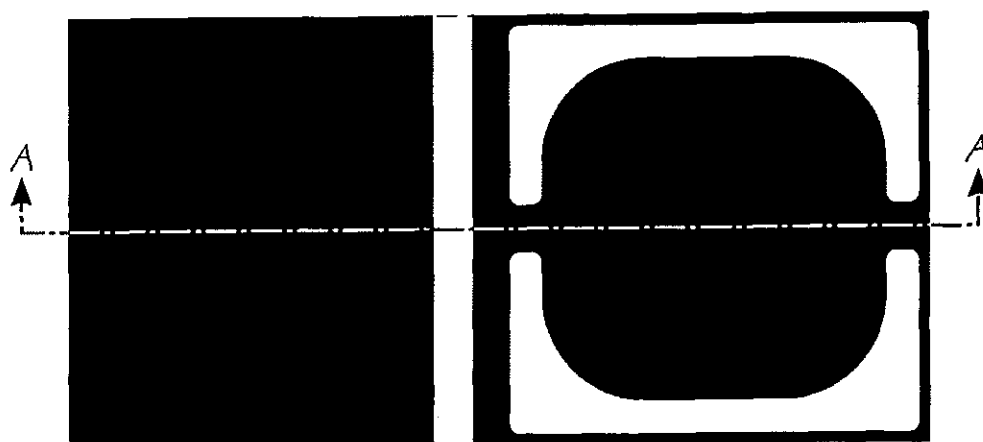
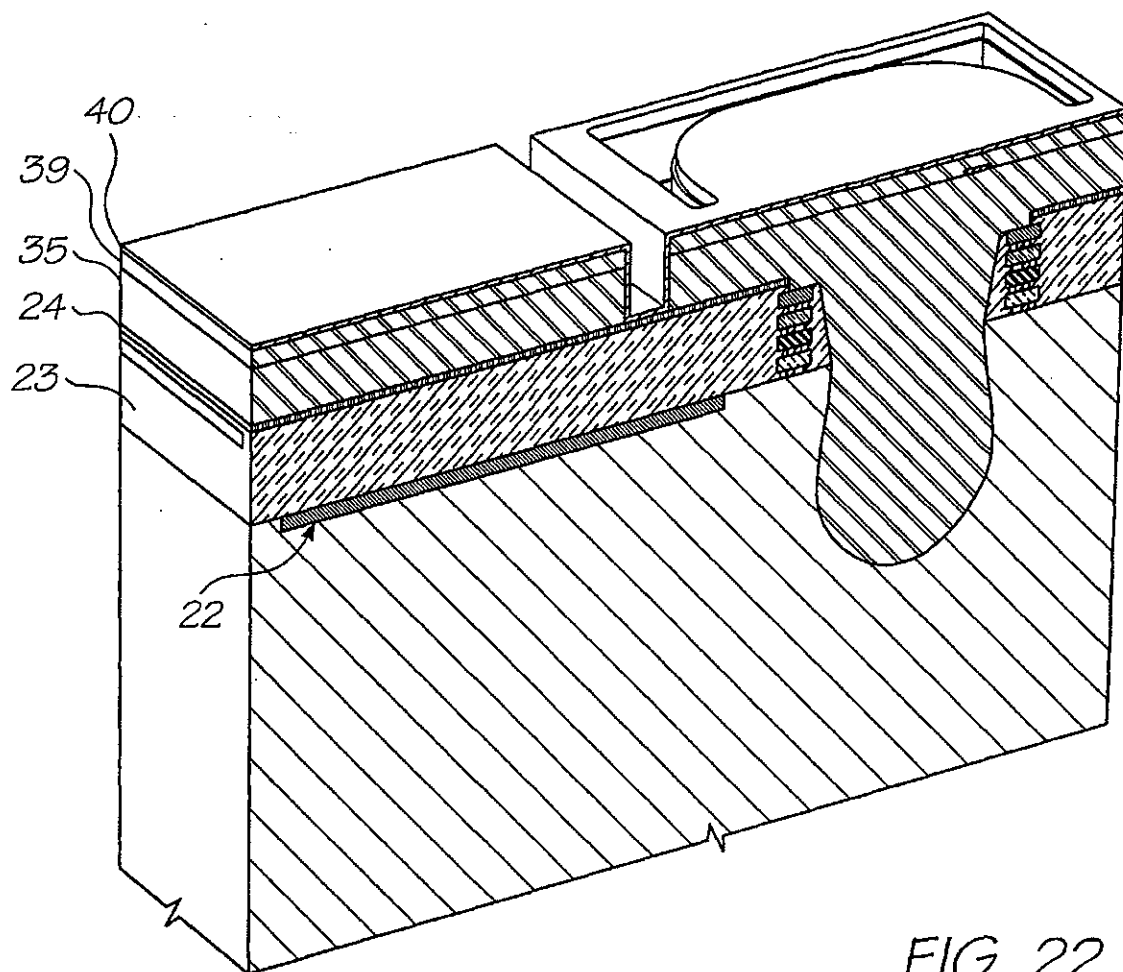
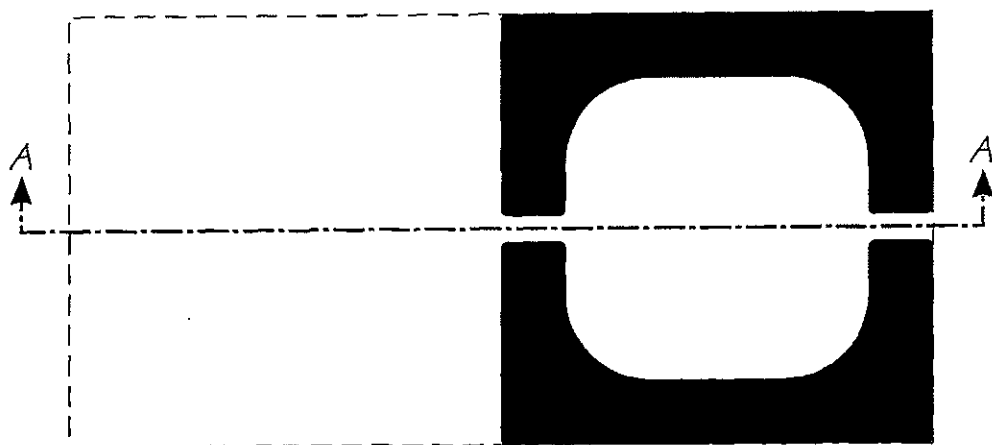
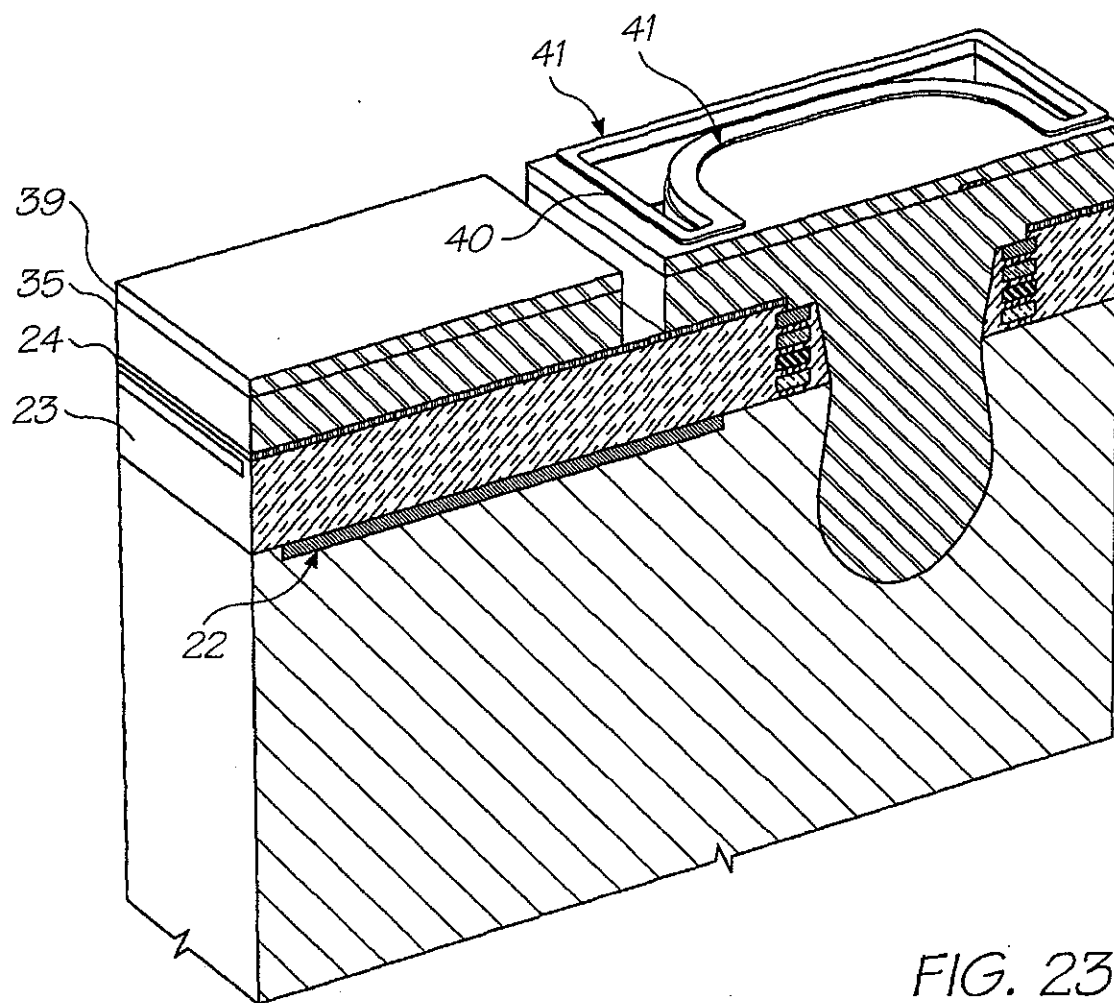


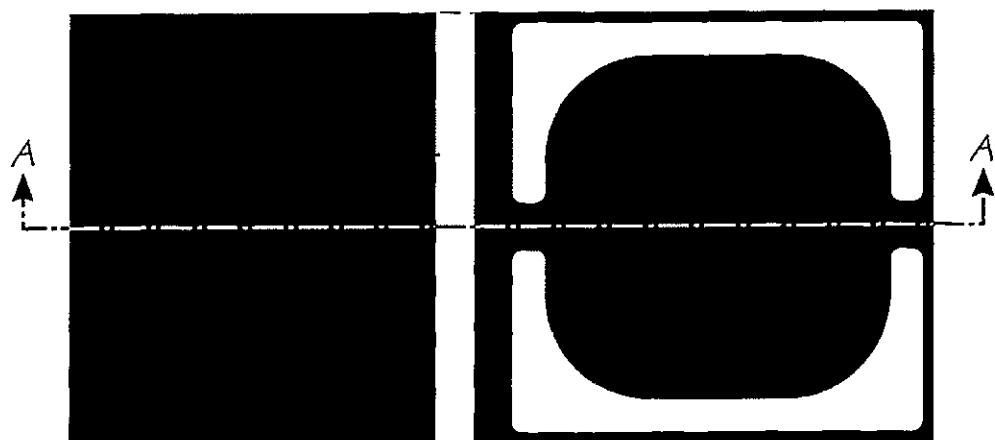
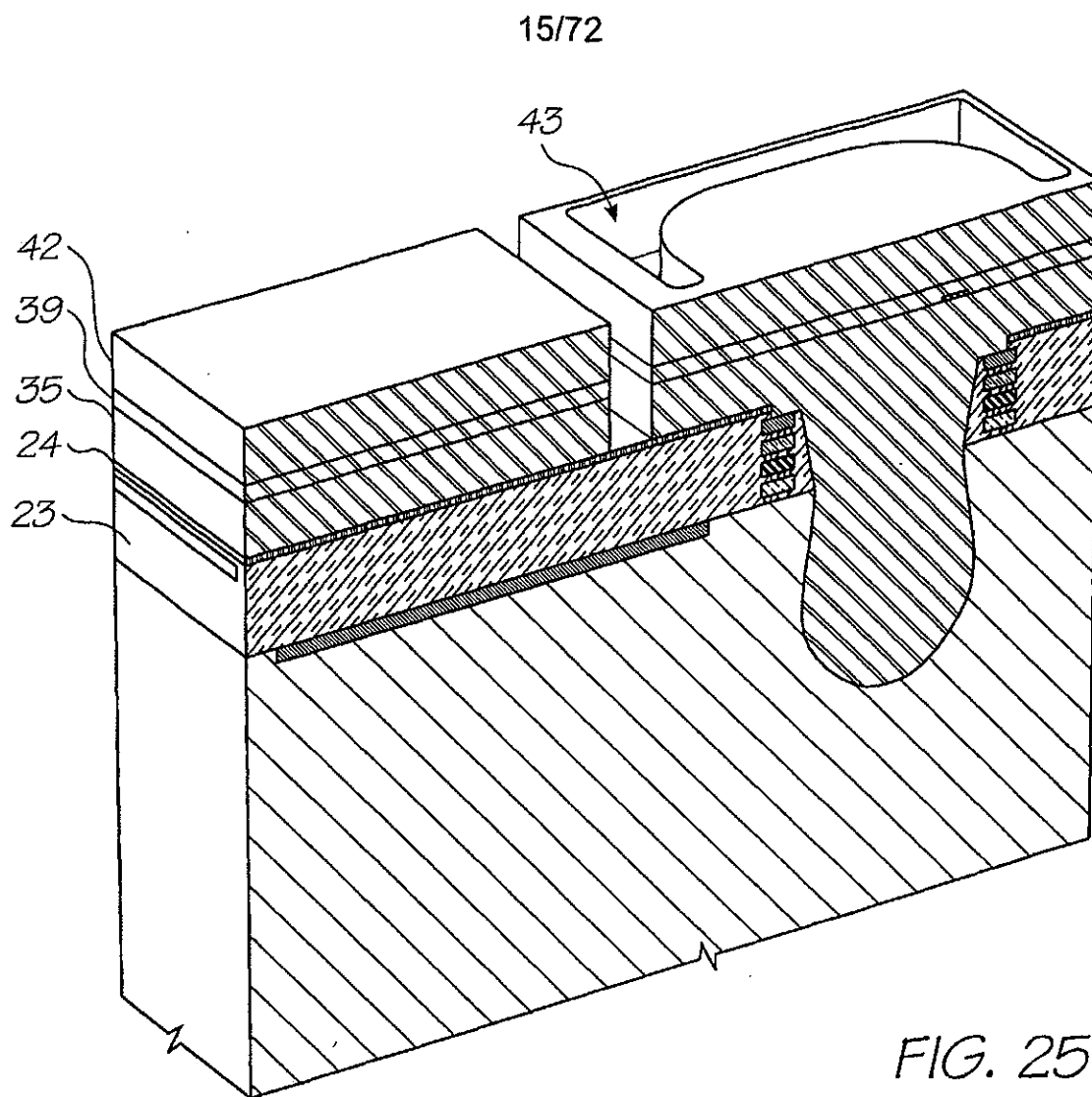
FIG. 21

13/72



14/72





16/72

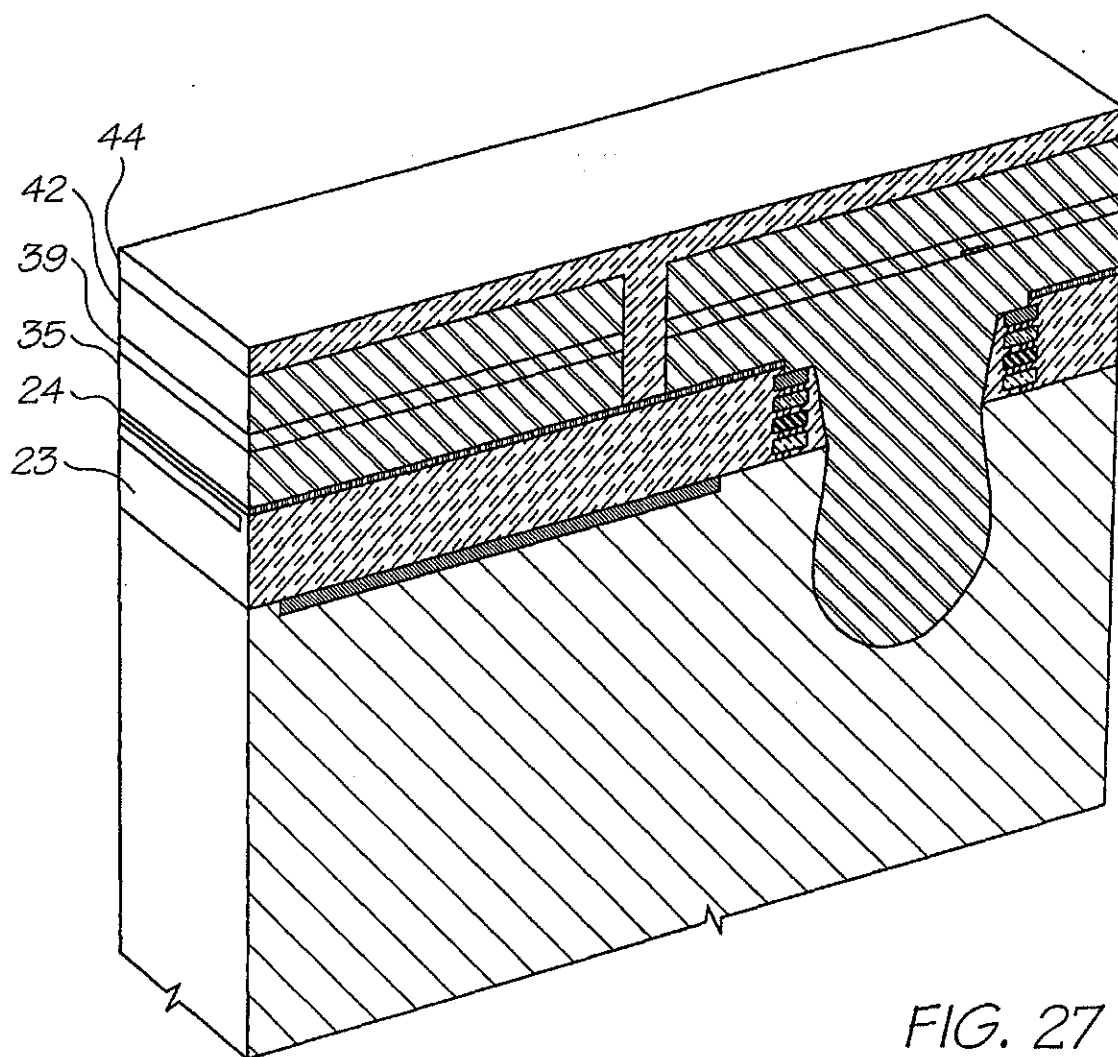
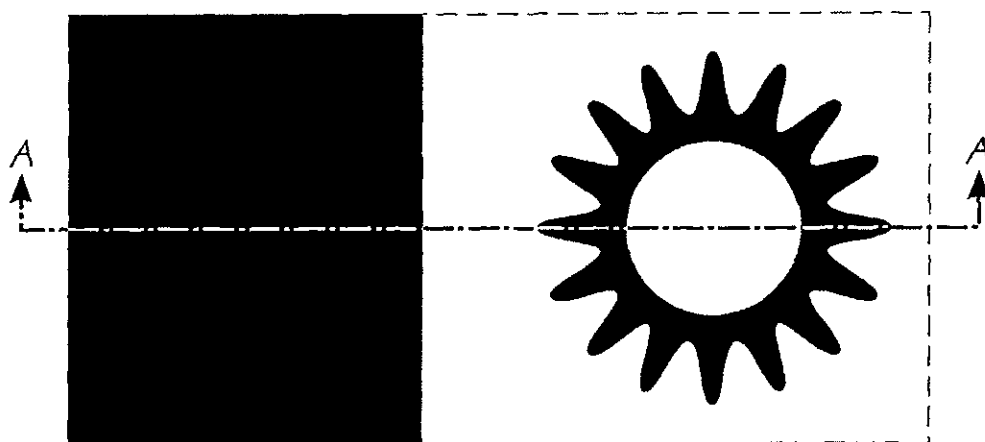
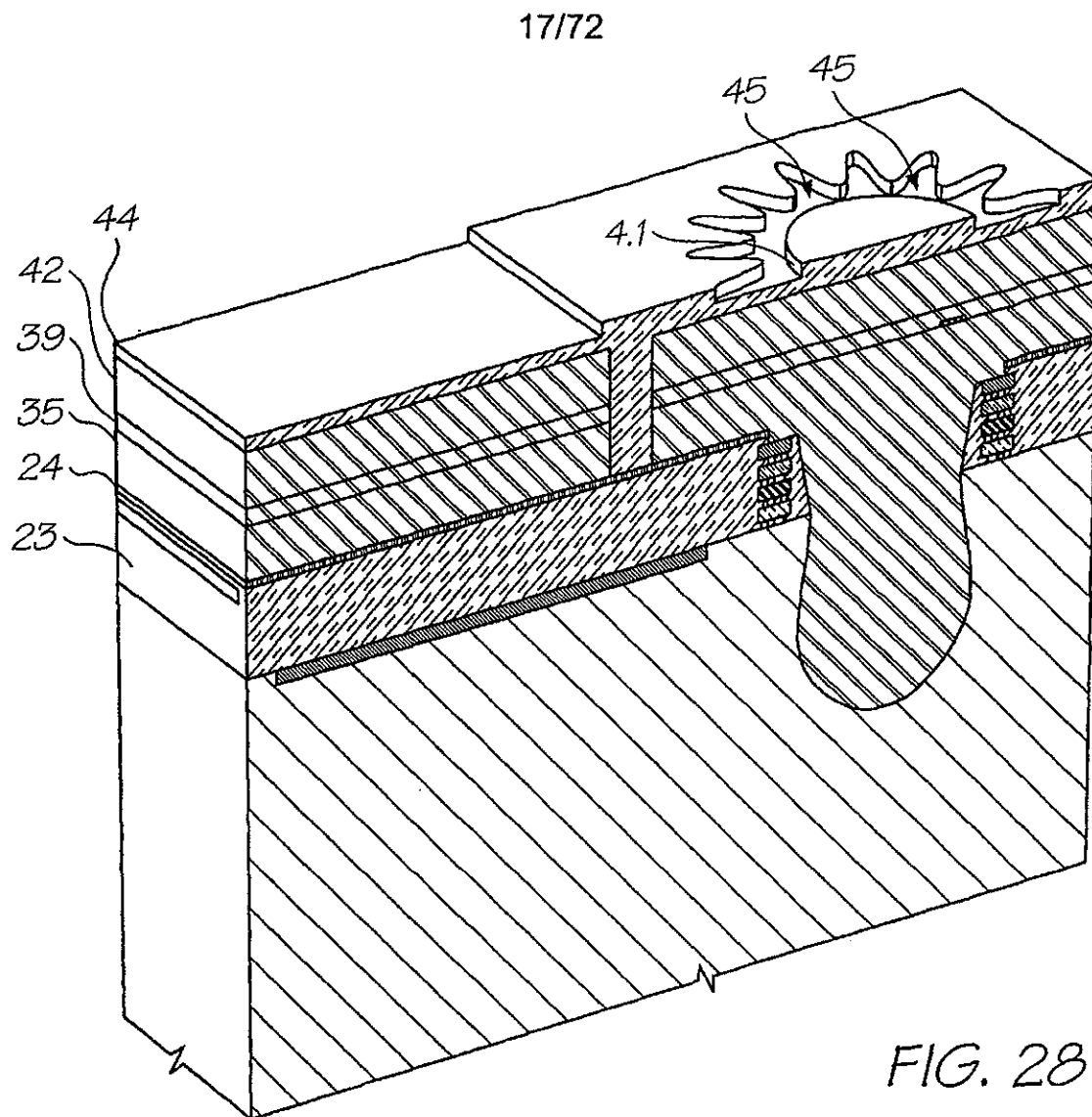
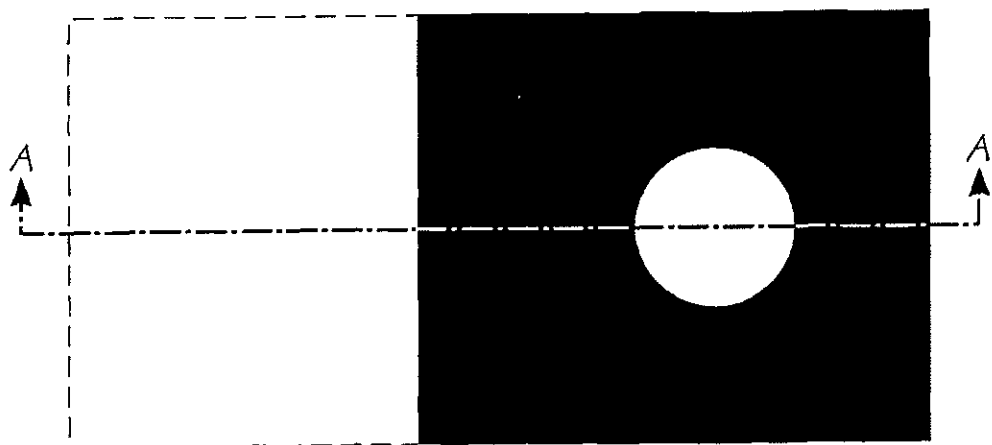
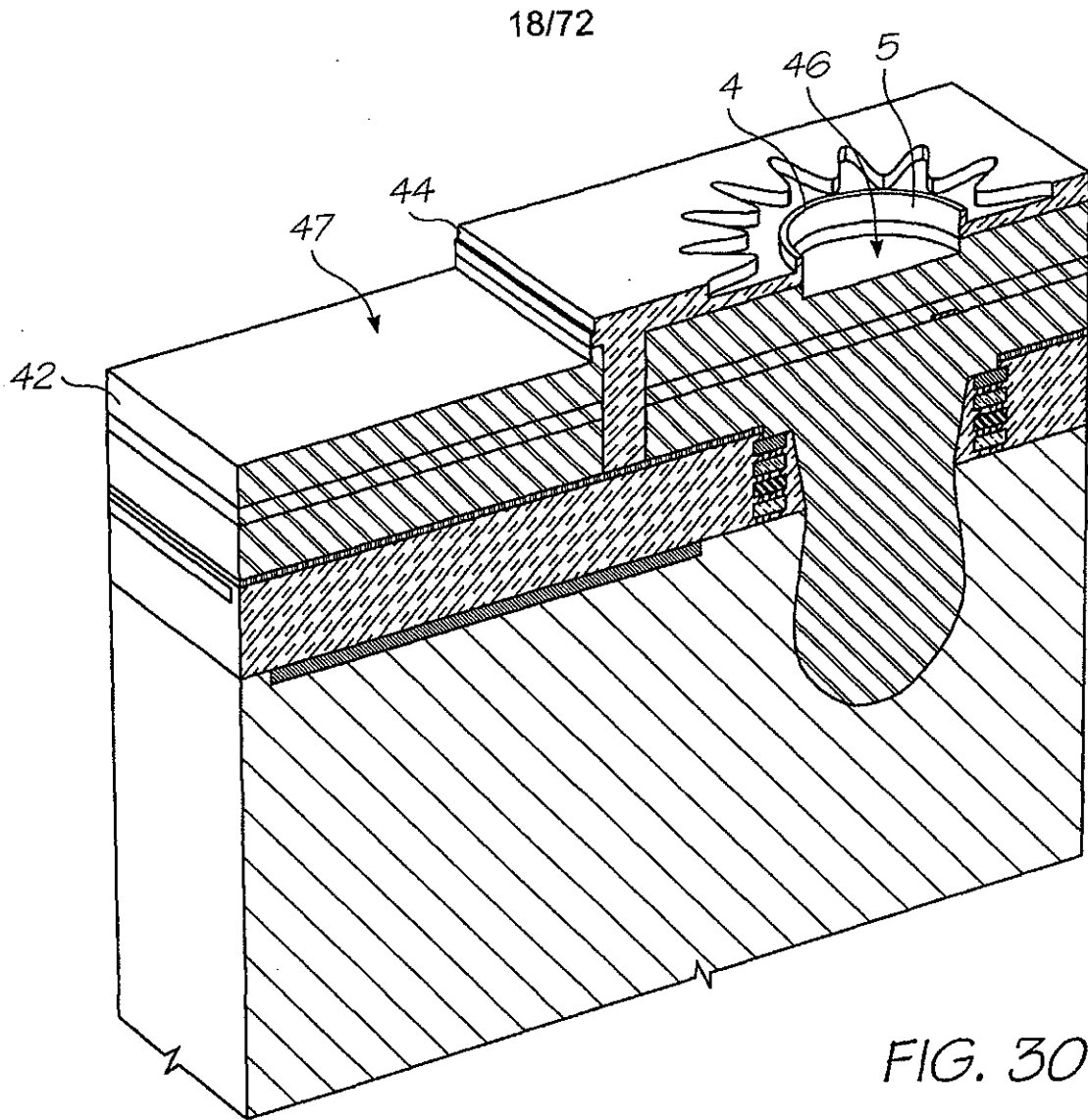


FIG. 27





19/72

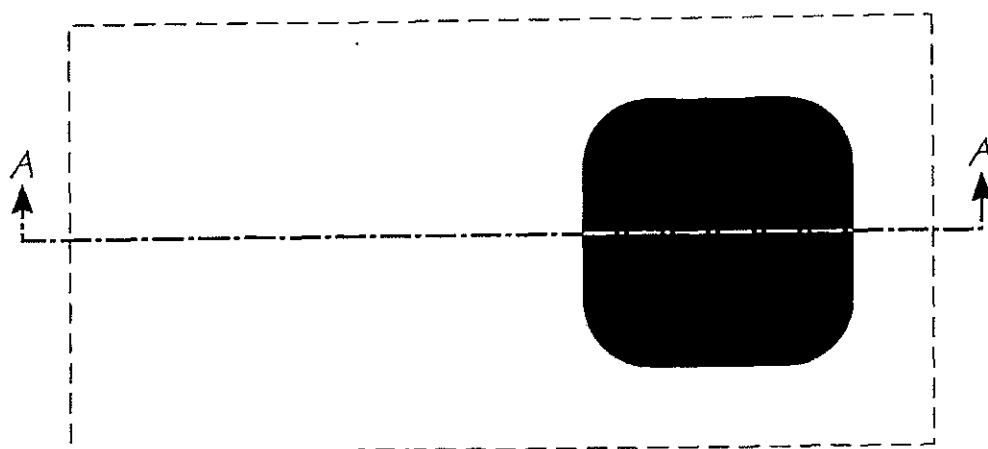
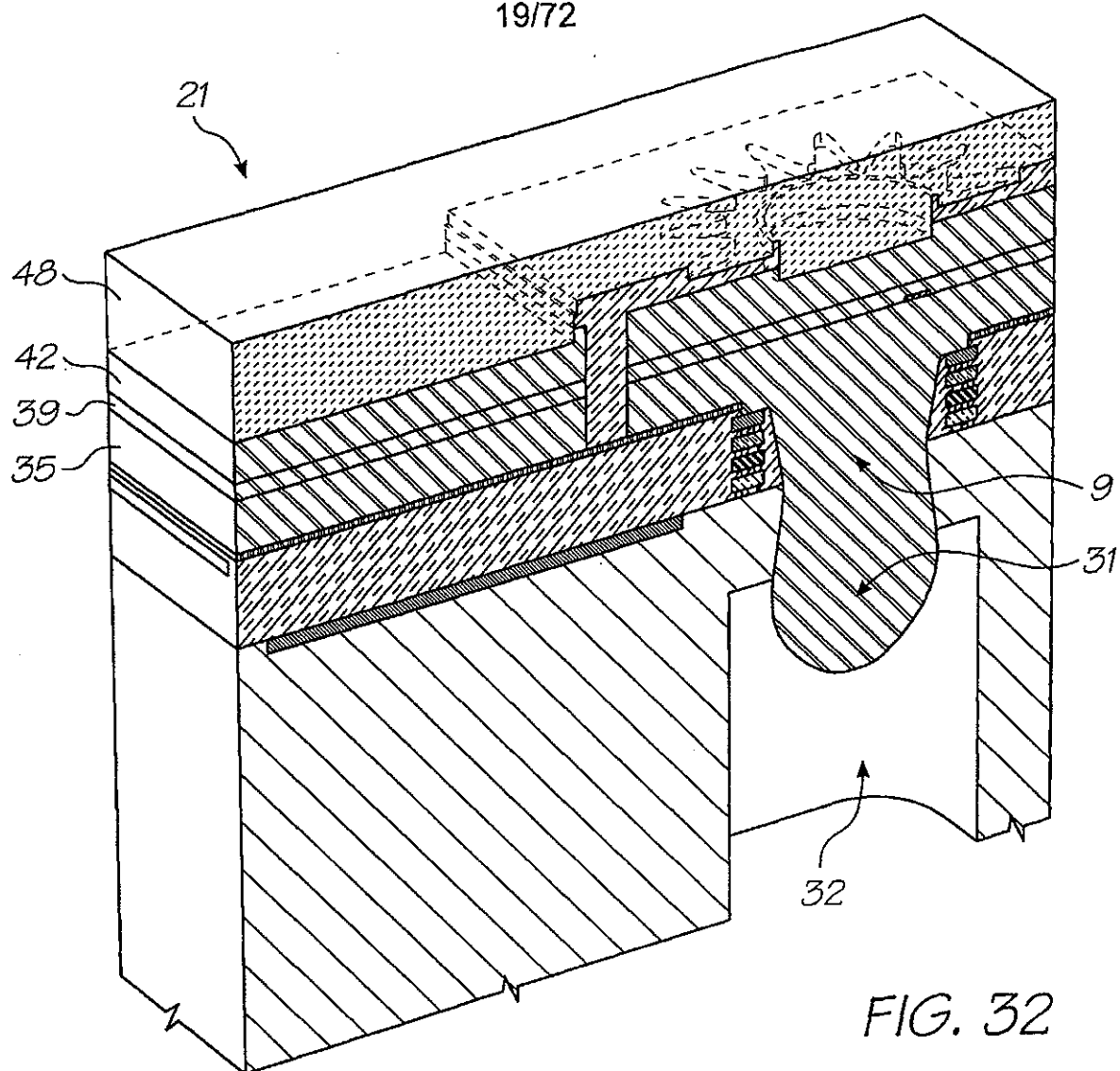
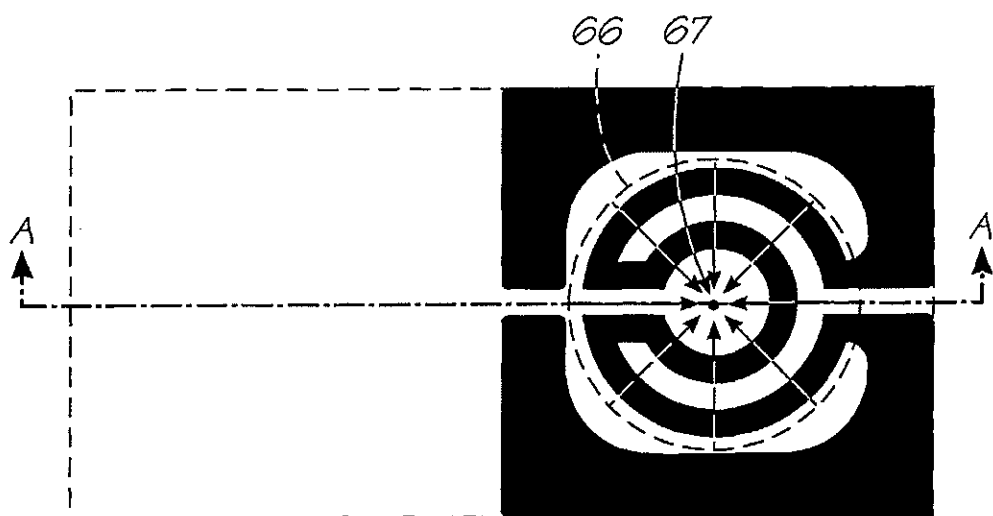
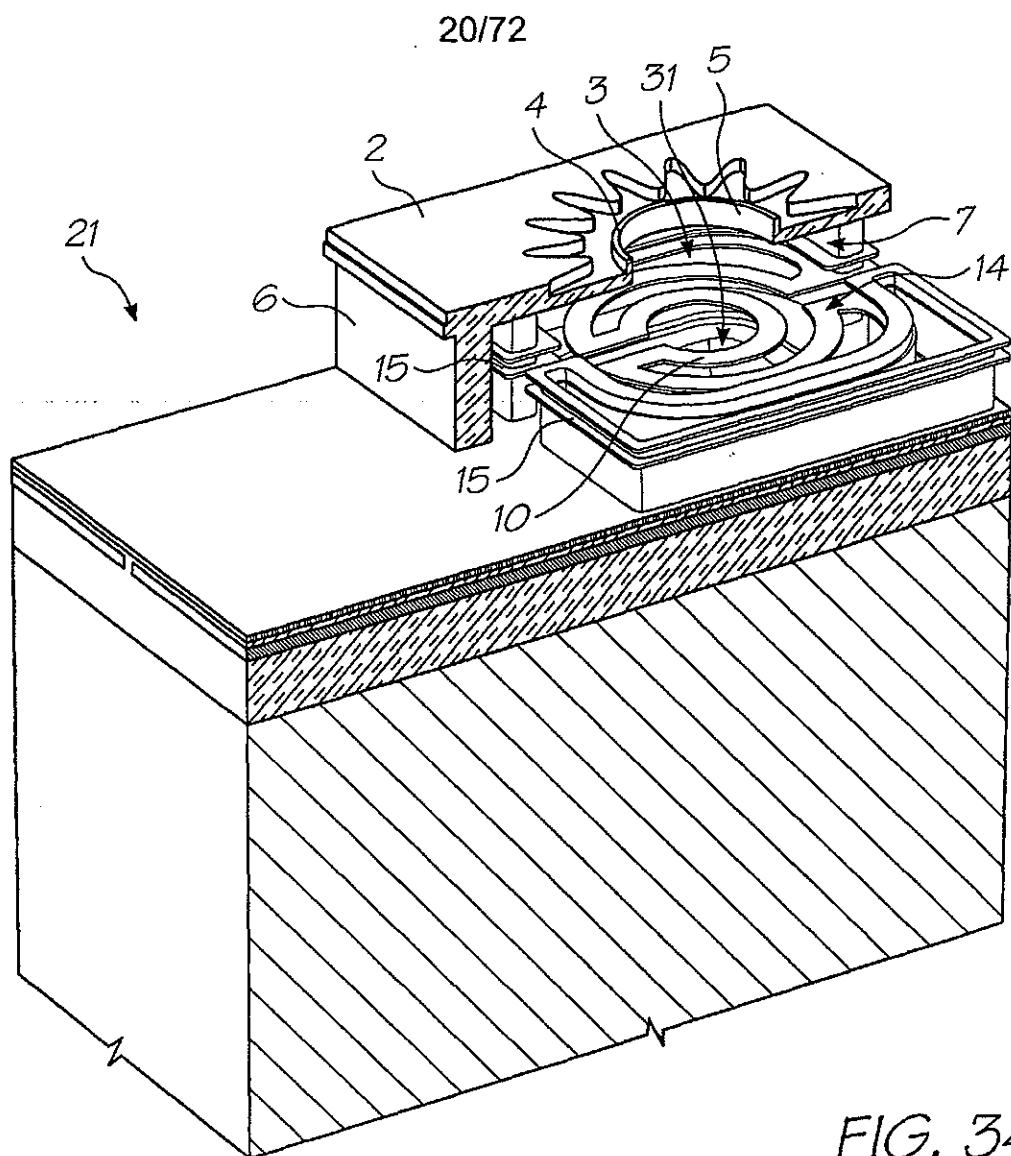


FIG. 33



21/72

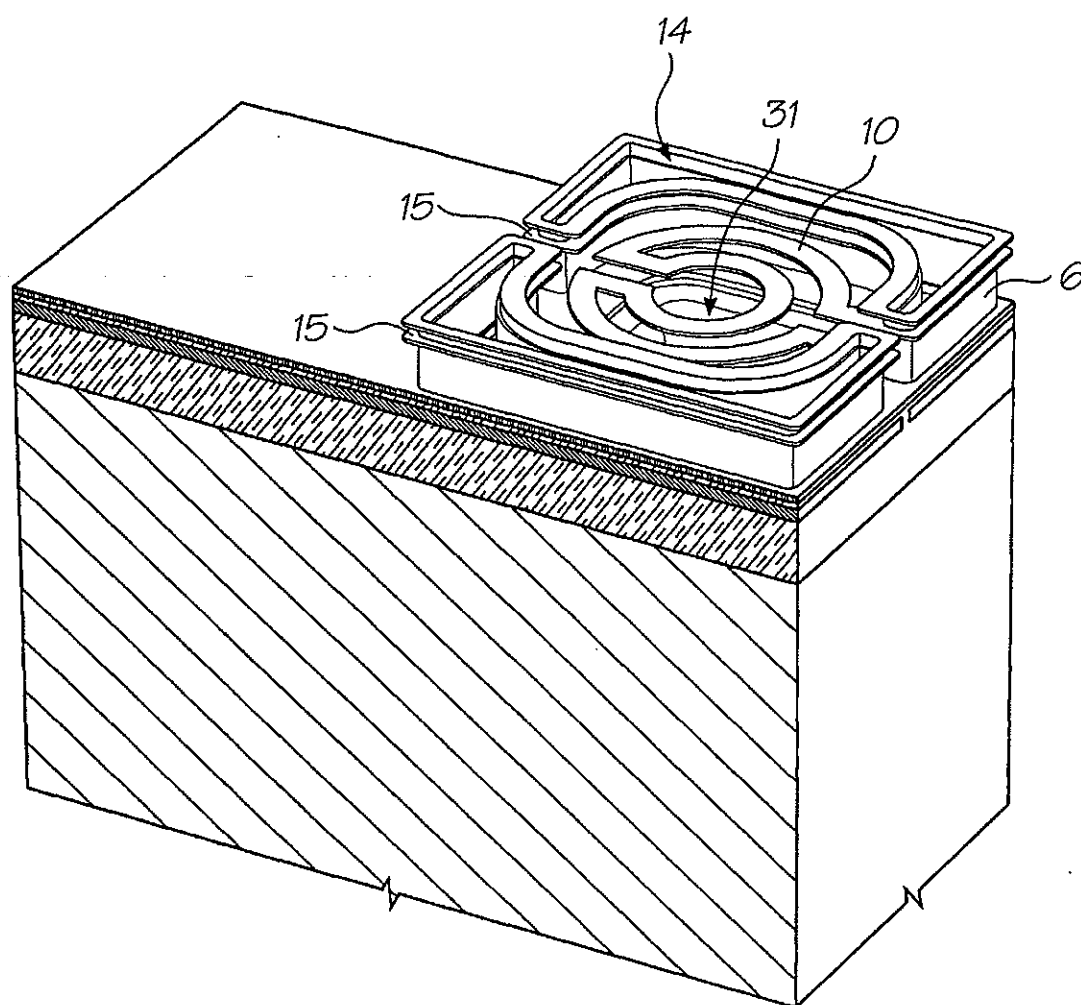
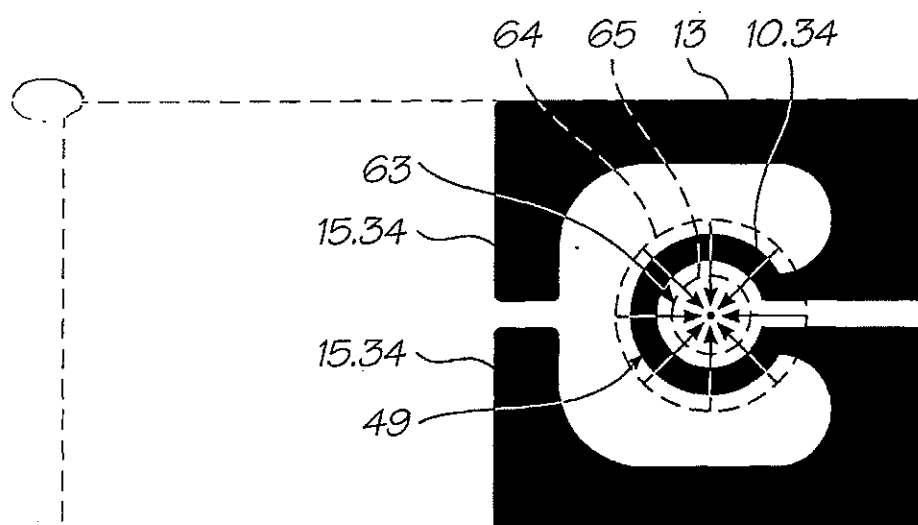
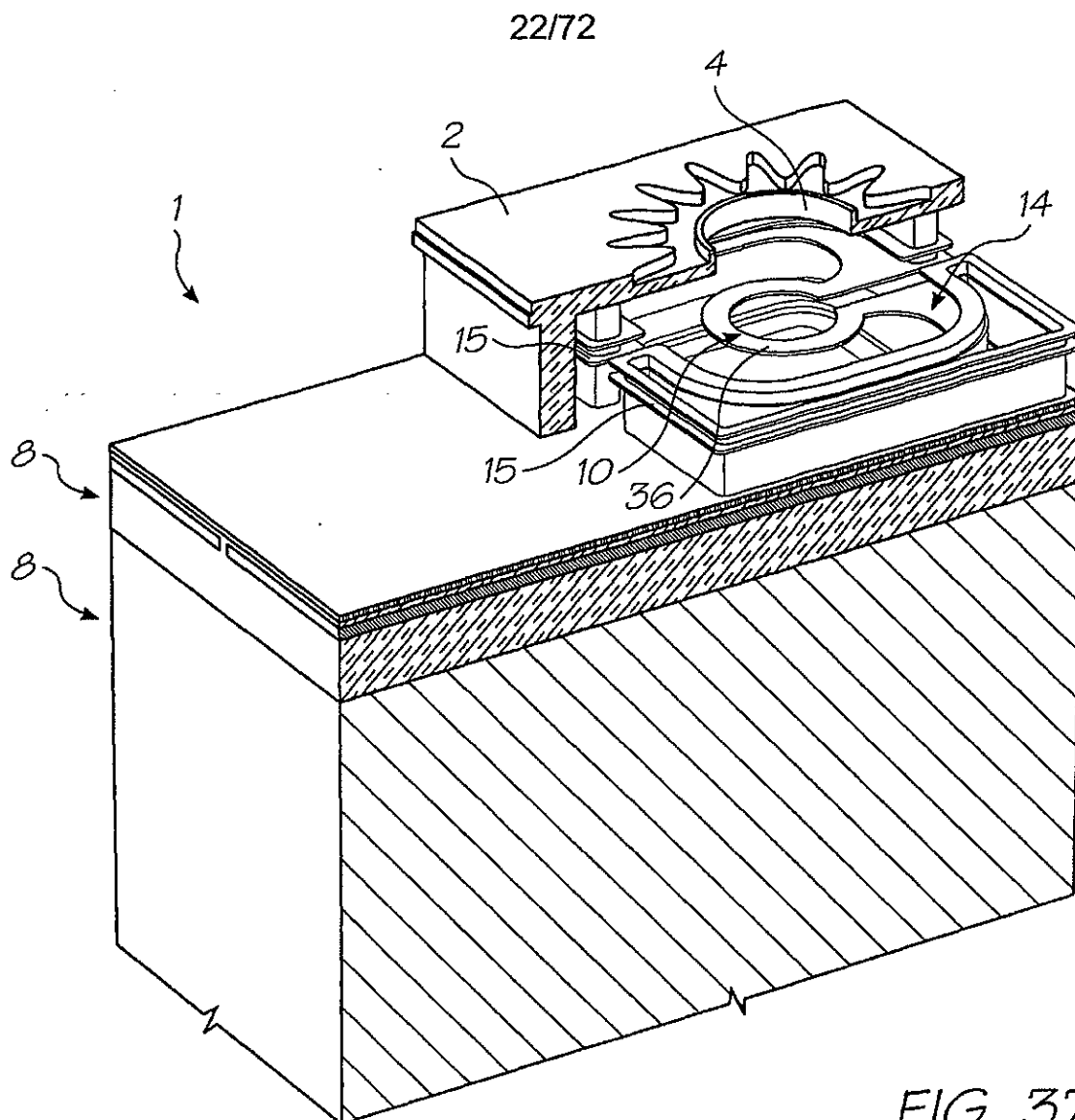
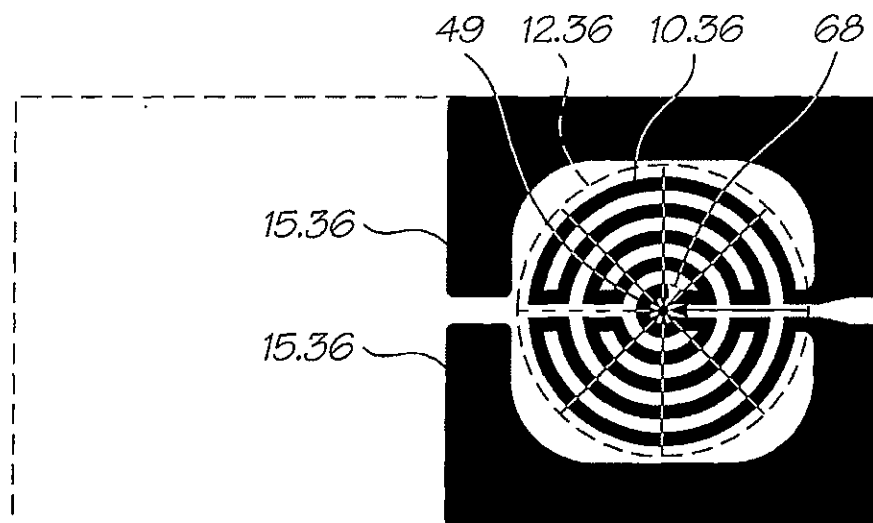
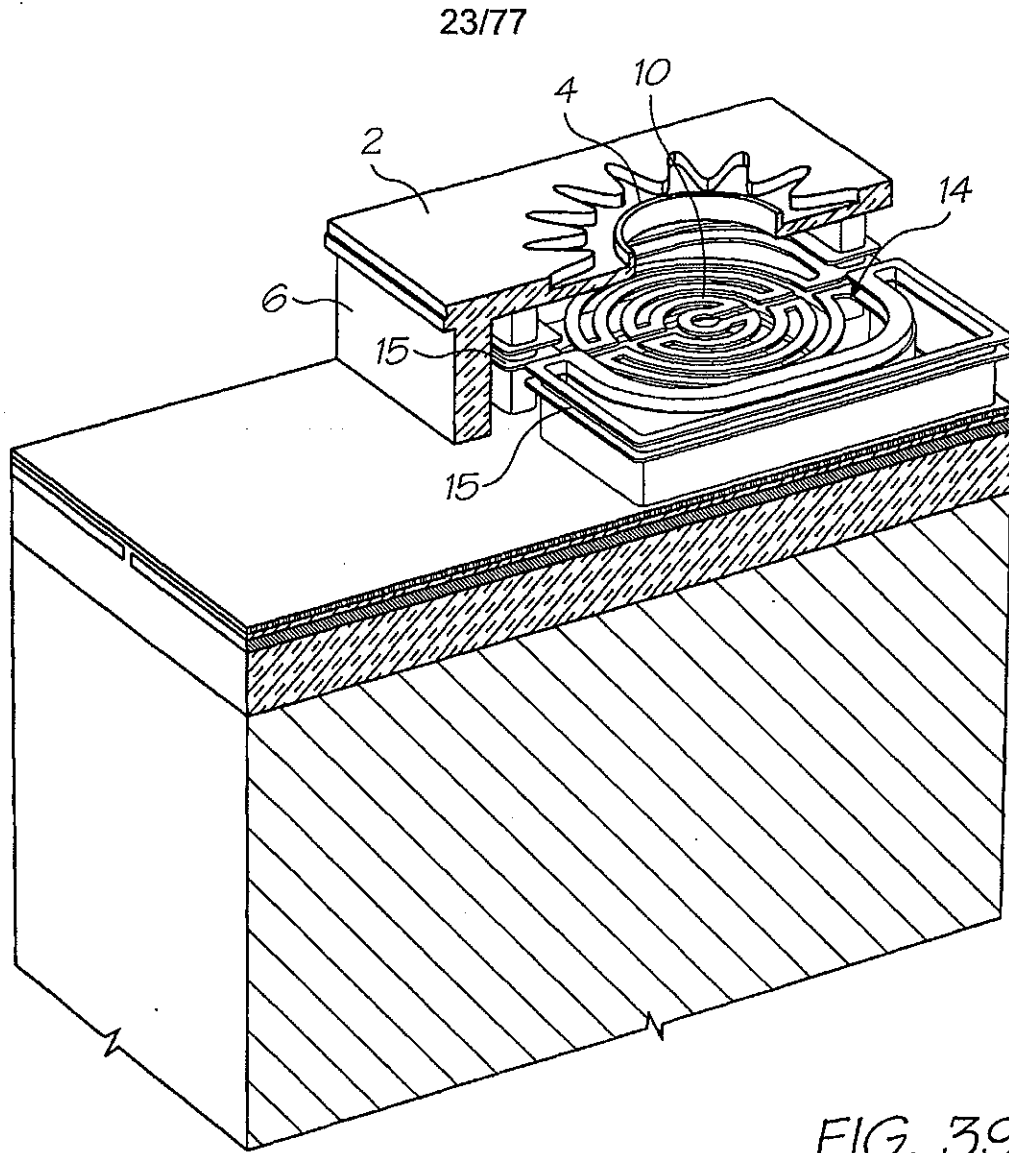


FIG. 36





24/77

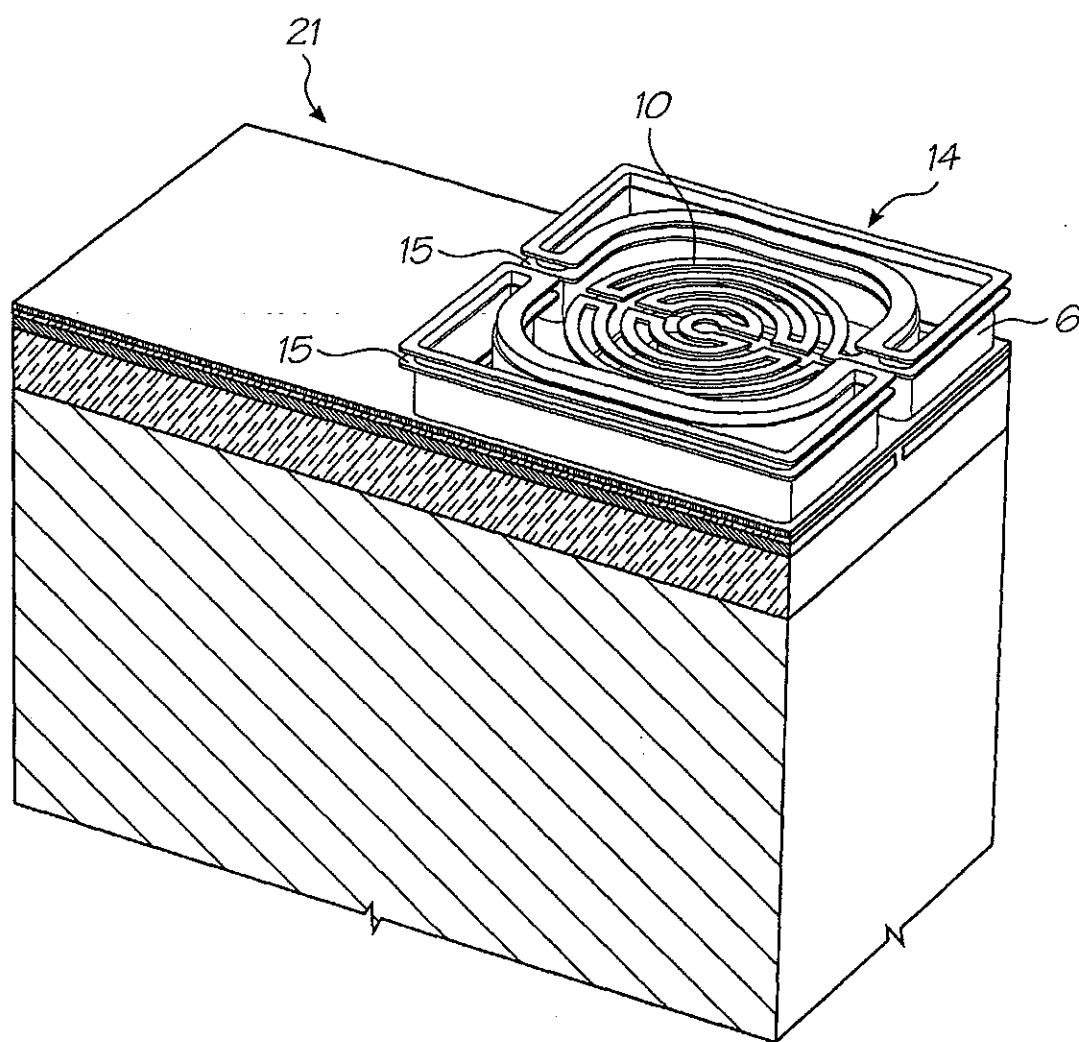


FIG. 41

25/72

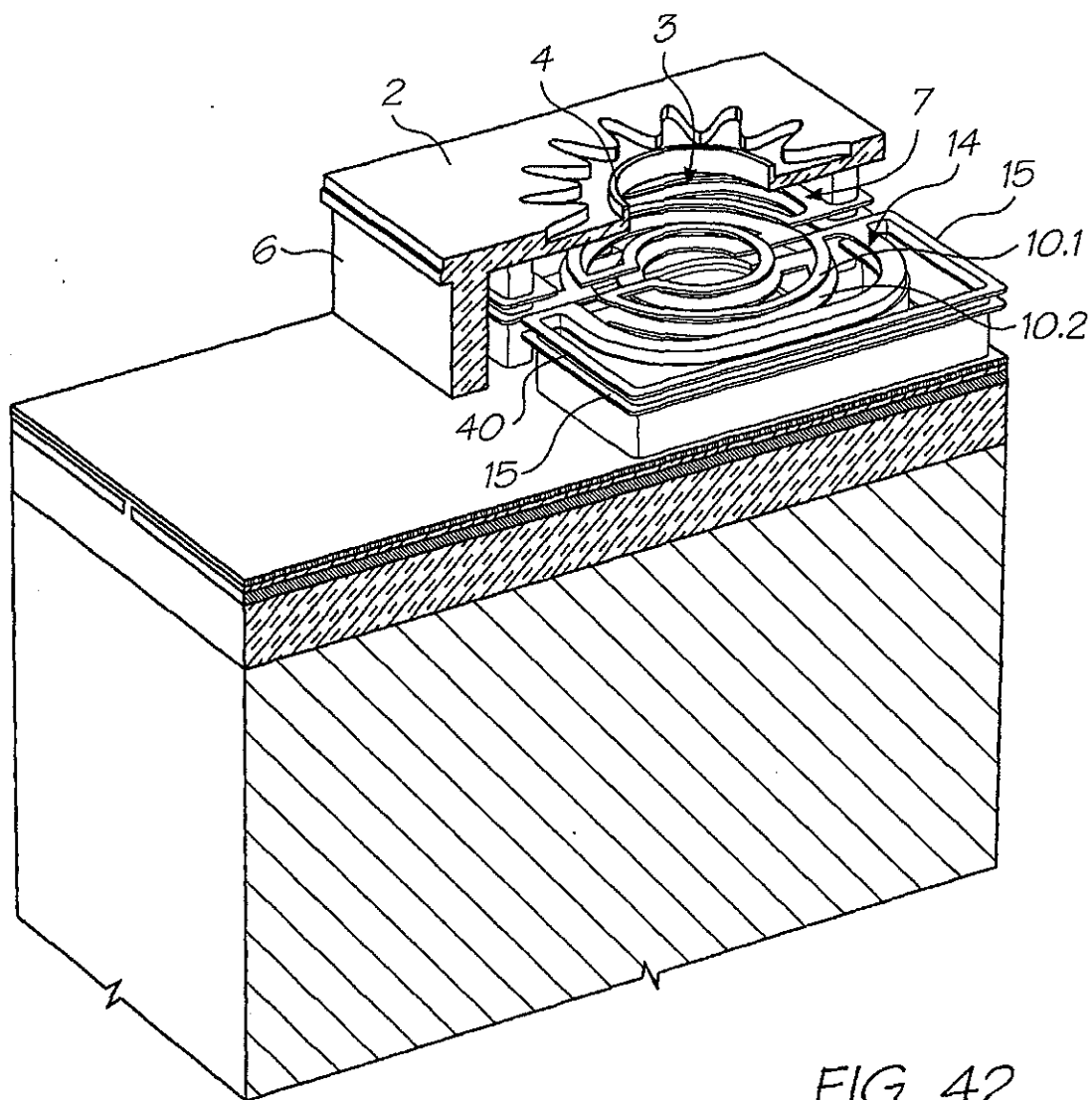


FIG. 42

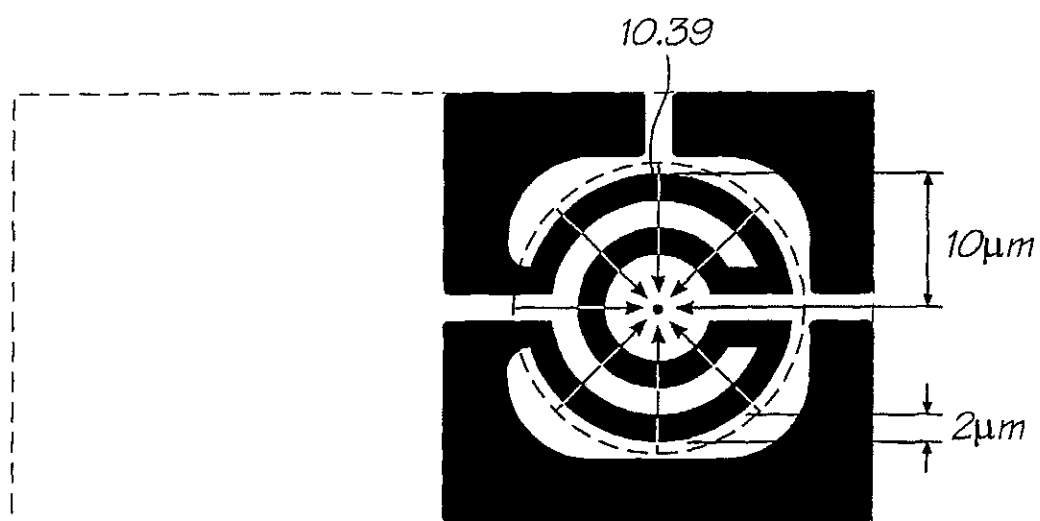


FIG. 43

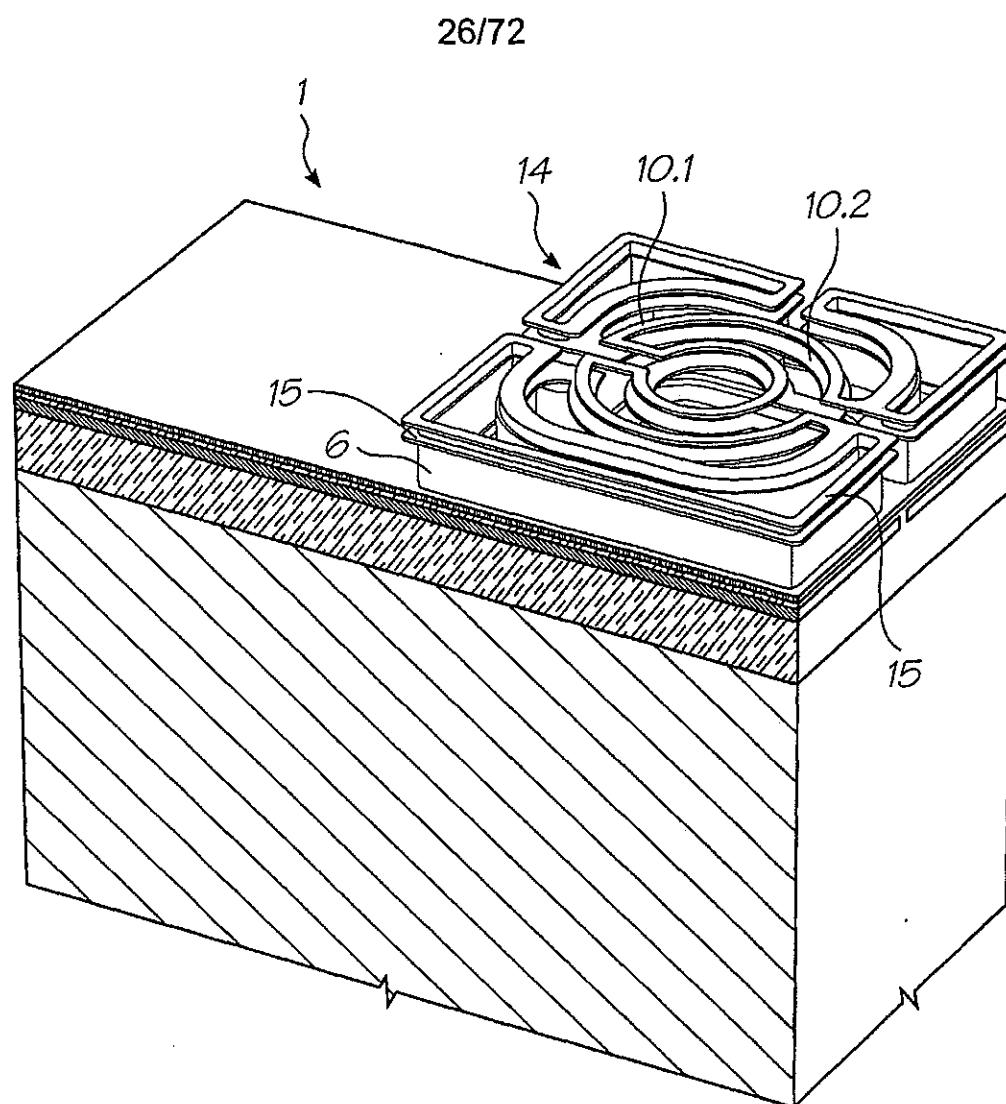


FIG. 44

27/72

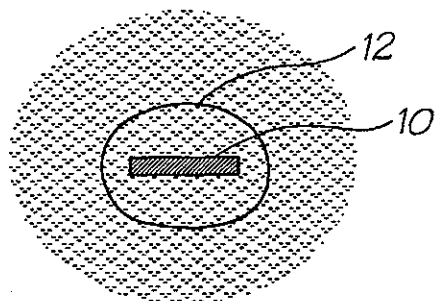


FIG. 45

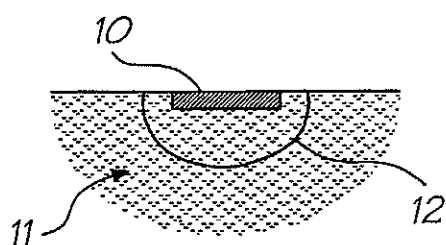


FIG. 46

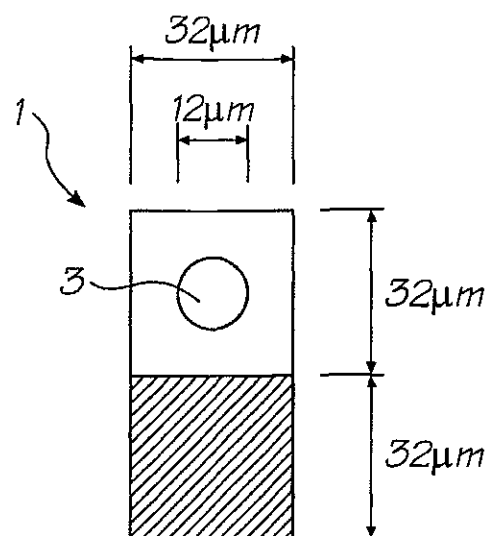


FIG. 47

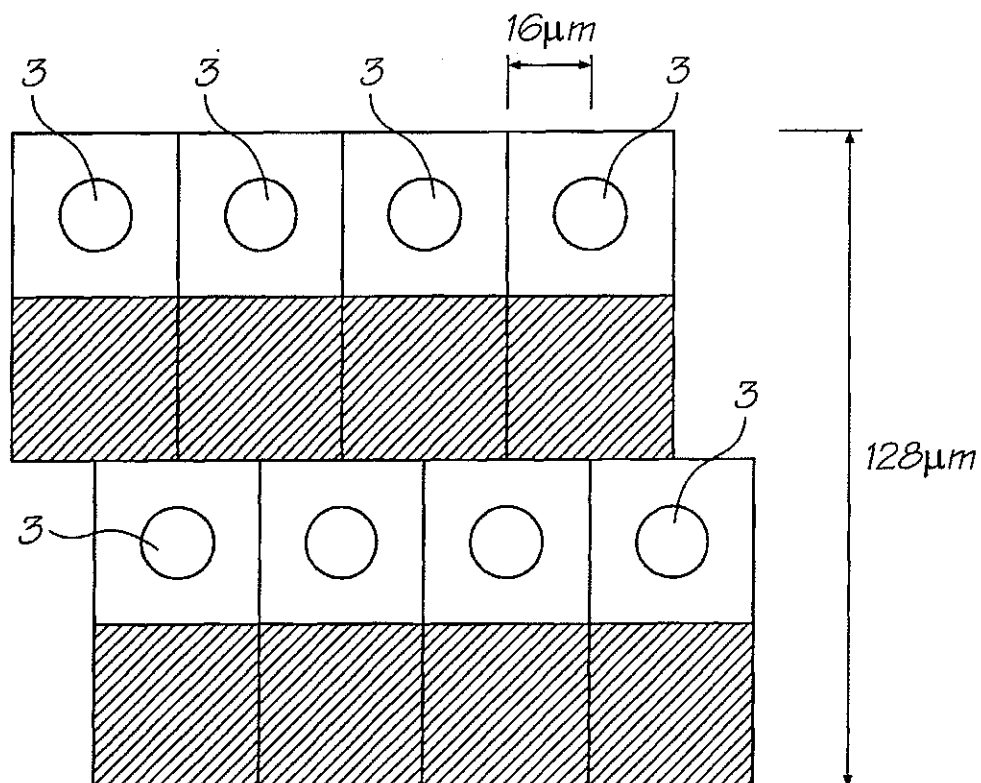


FIG. 48

28/72

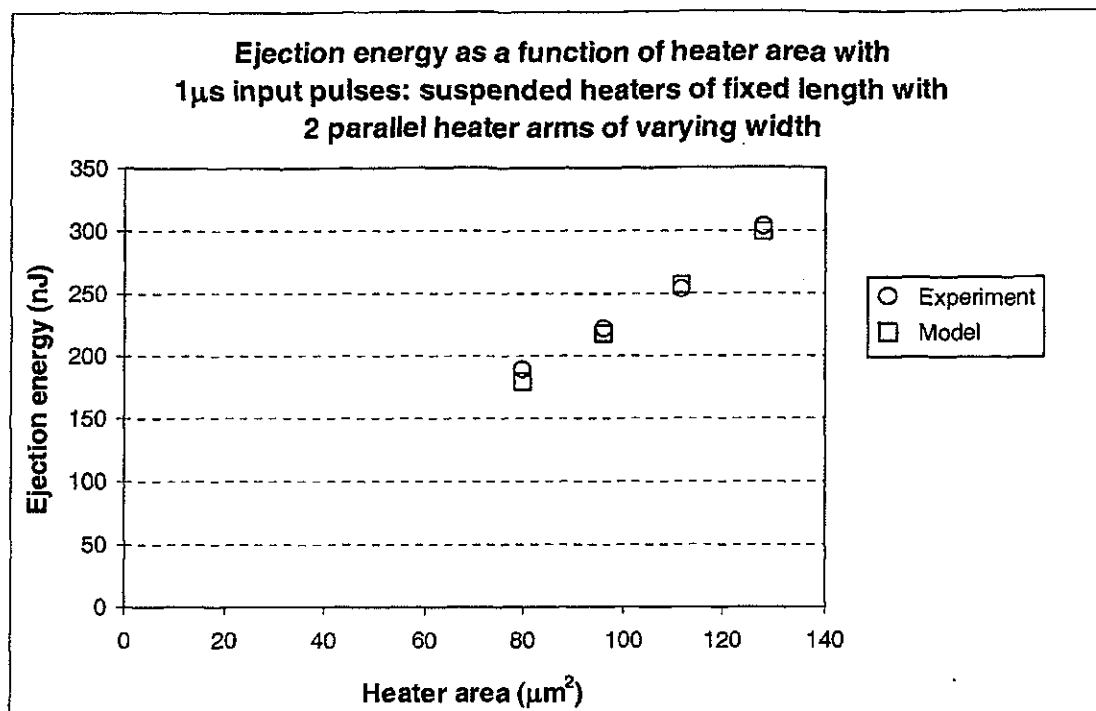


FIG. 49

29/72

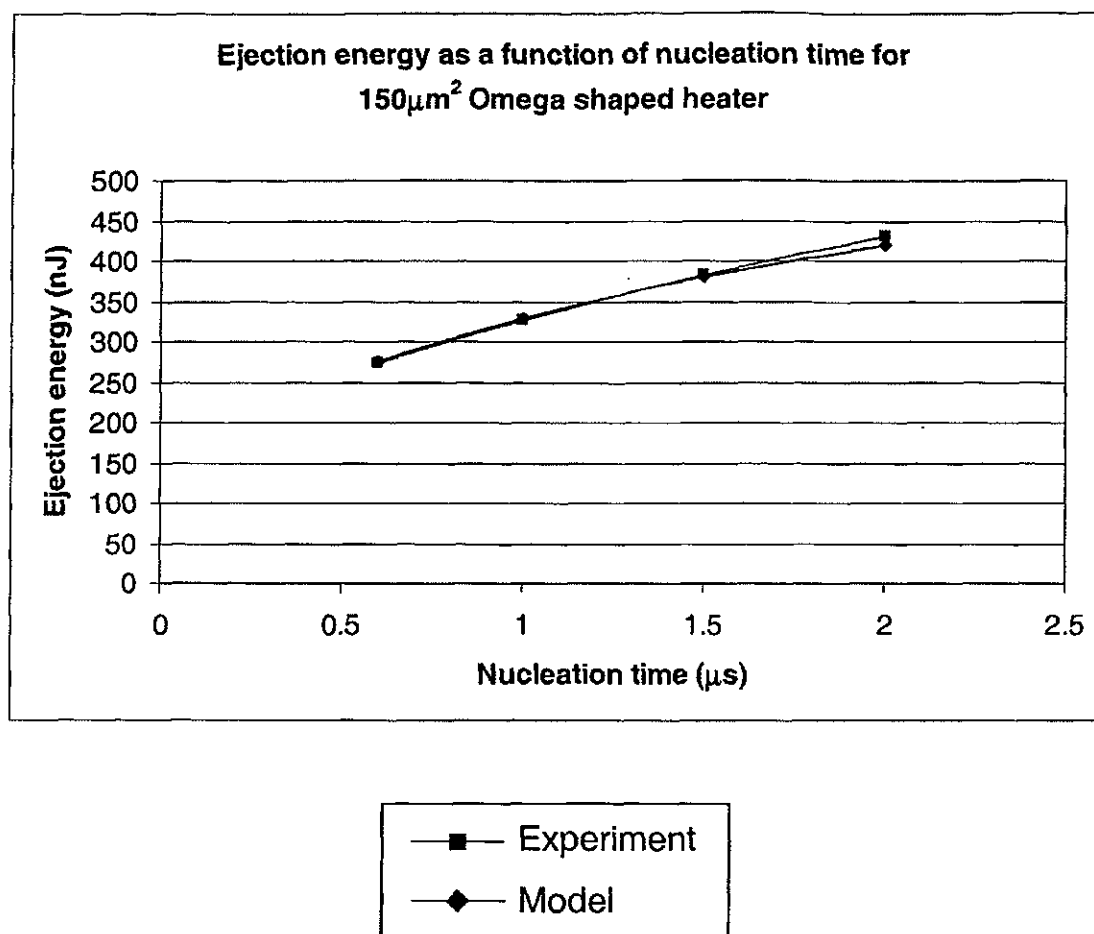


FIG. 50

30/72

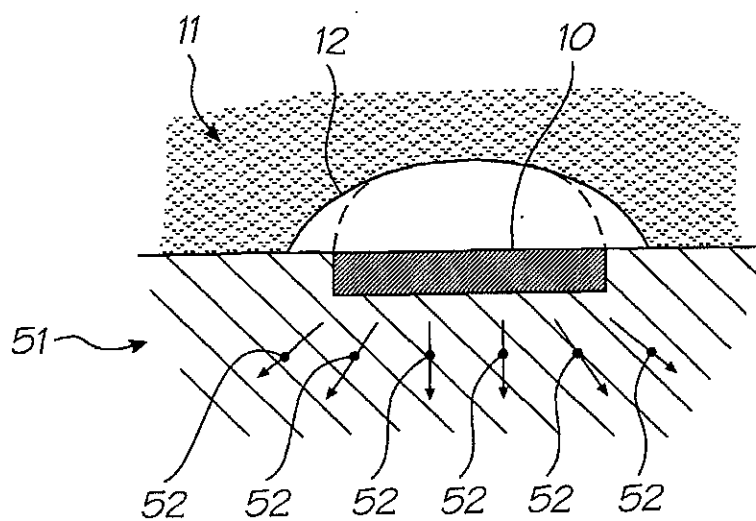


FIG. 51

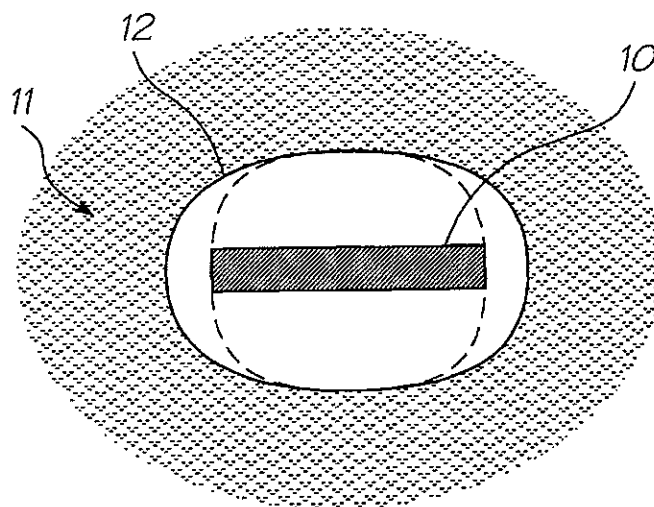


FIG. 52

31/72

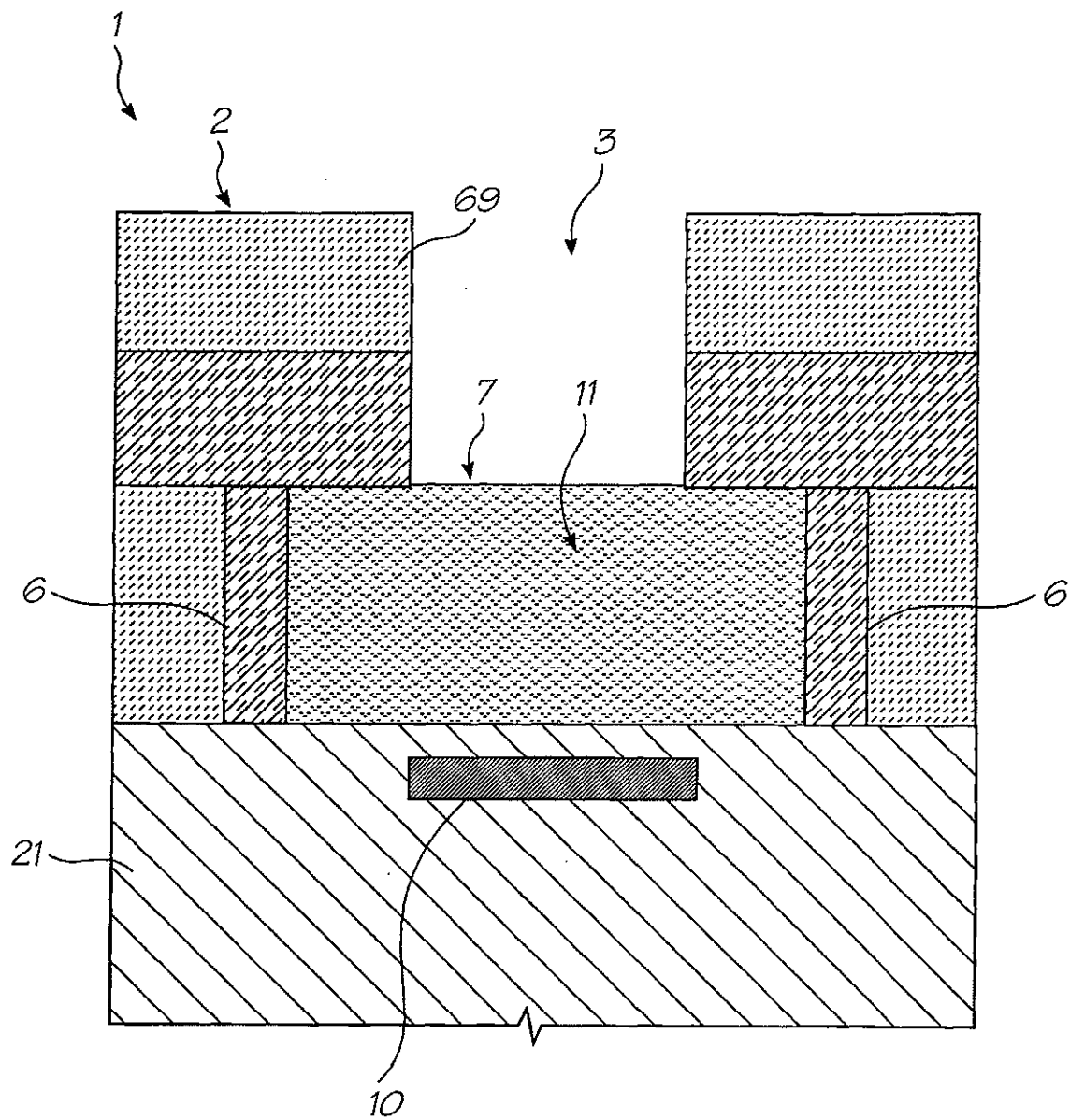


FIG. 53

32/72

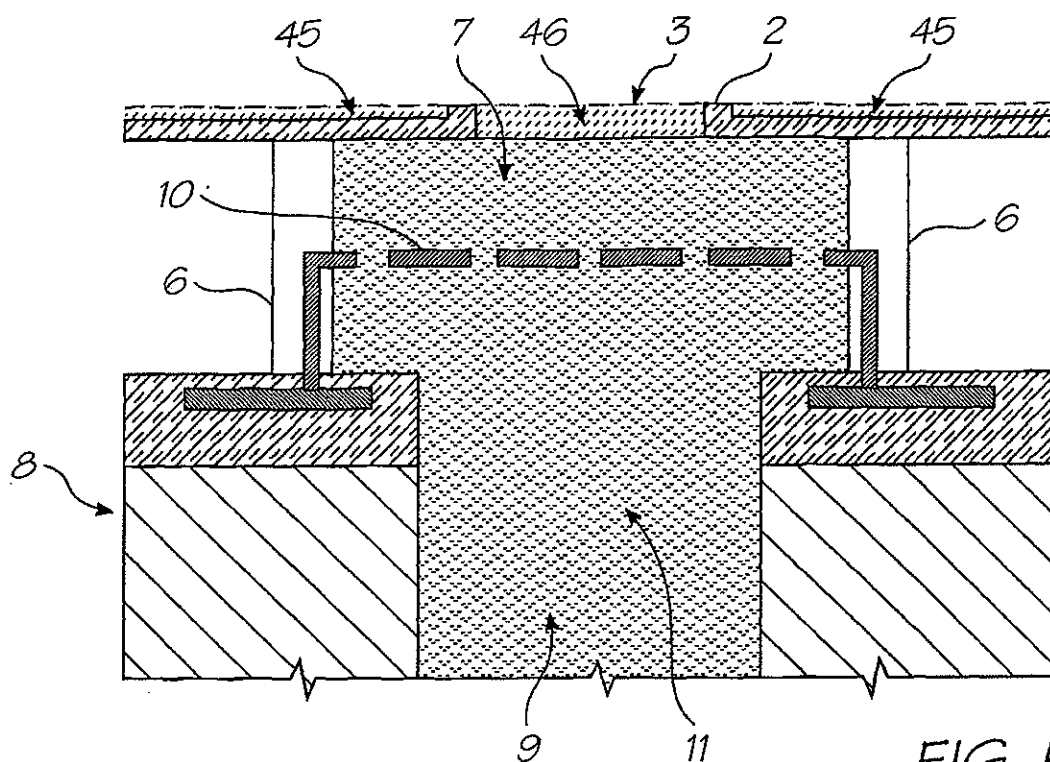


FIG. 54

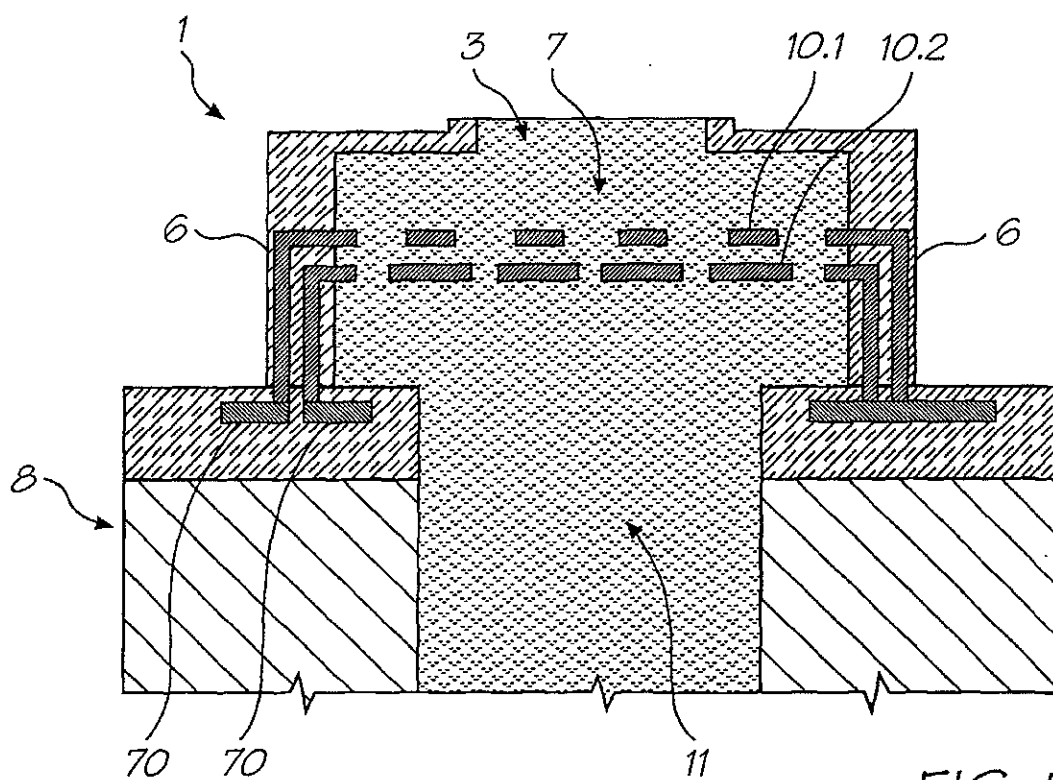


FIG. 55

33/77

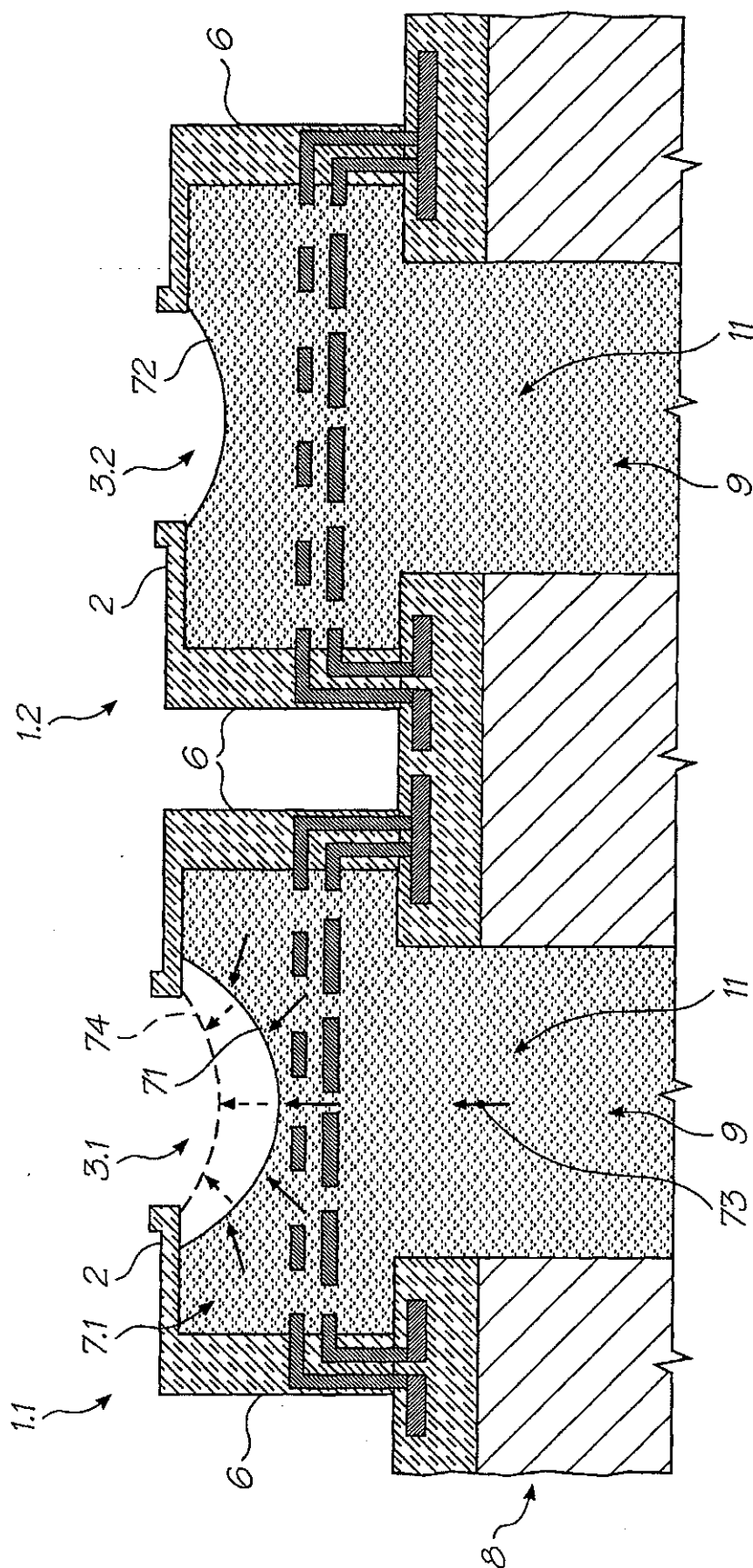


FIG. 56

34/72

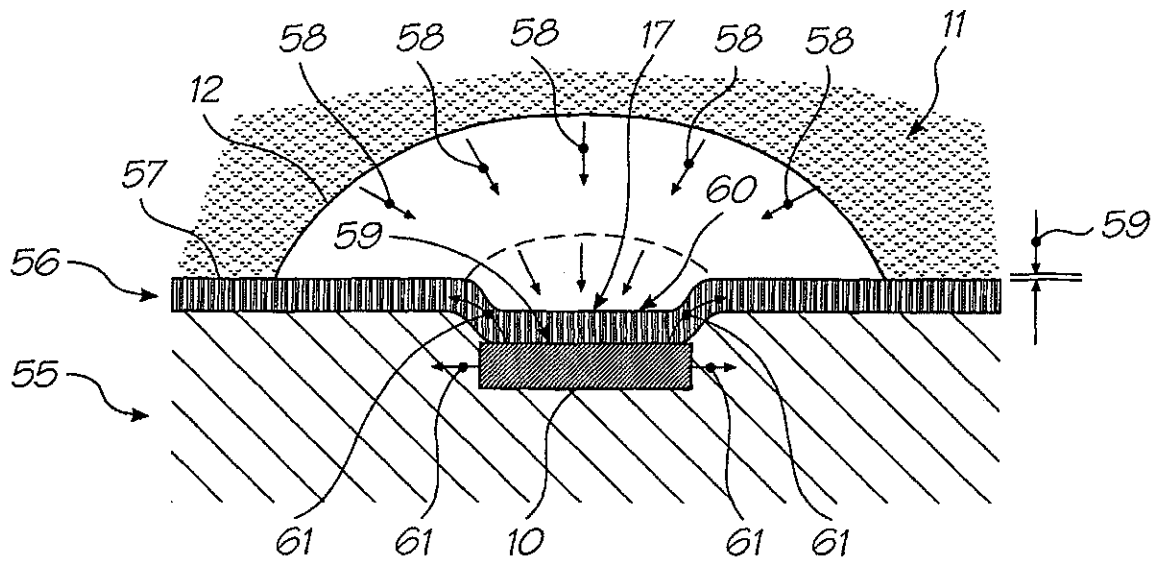


FIG. 57
(PRIOR ART)

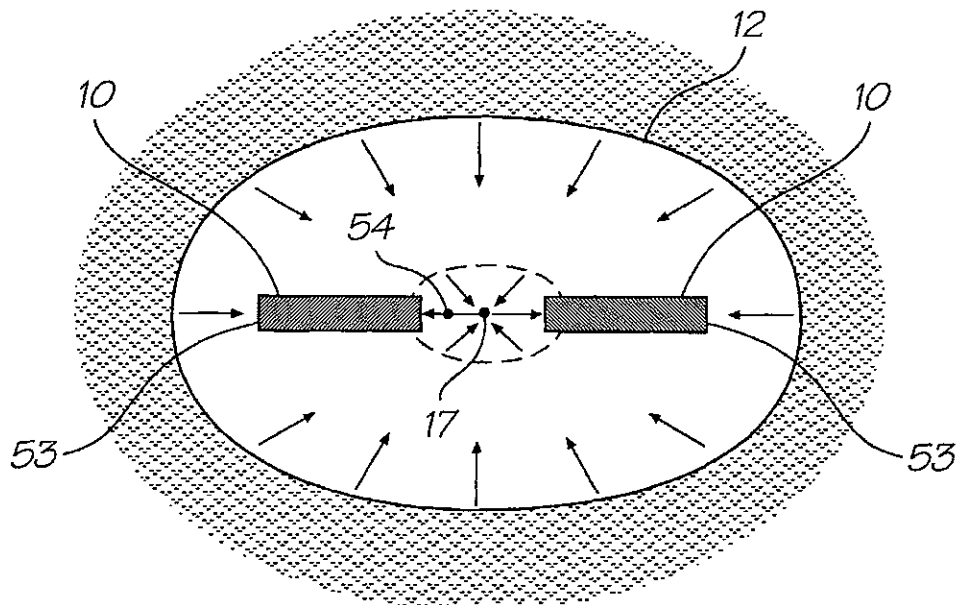


FIG. 58

35/72

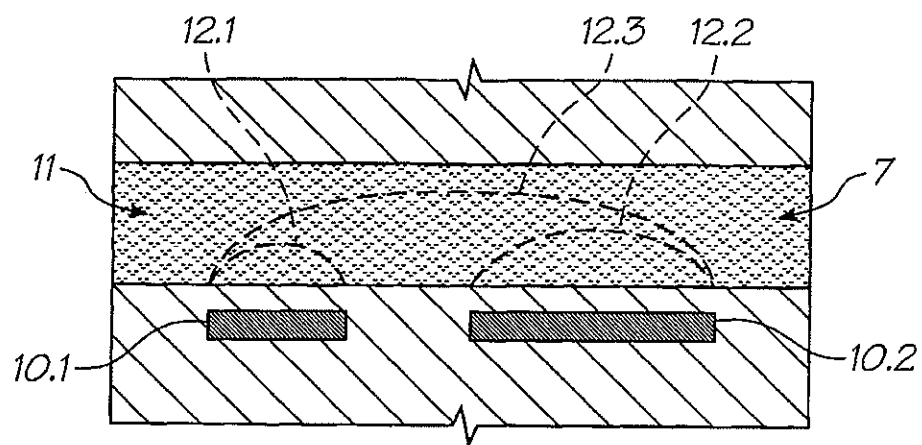


FIG. 59
(PRIOR ART)

36/72

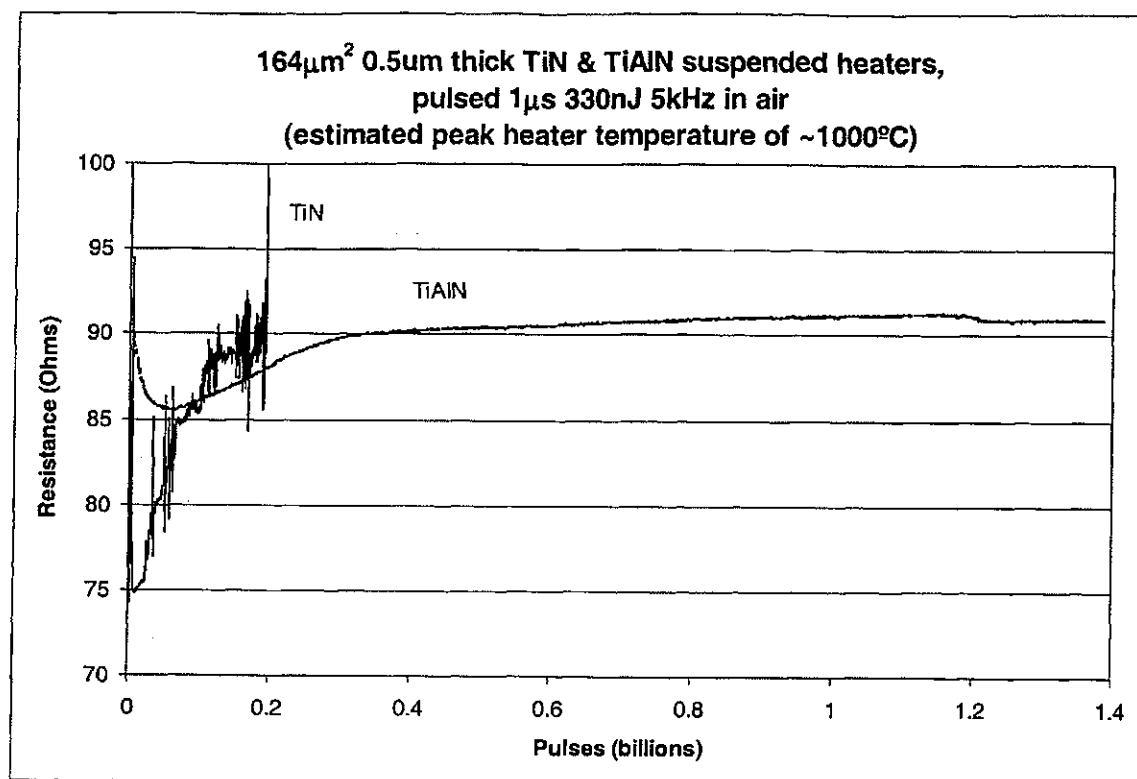


FIG. 60

37/72

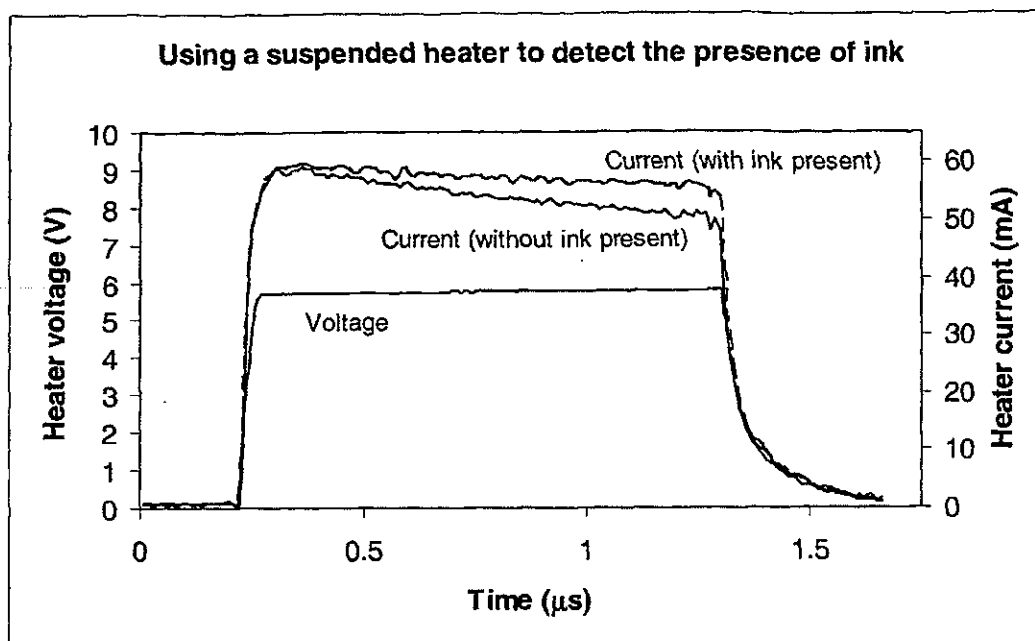


FIG. 61

Resistance of a suspended TiN heater vs time during a $2\mu\text{s}$ fire pulse in an overdriven condition

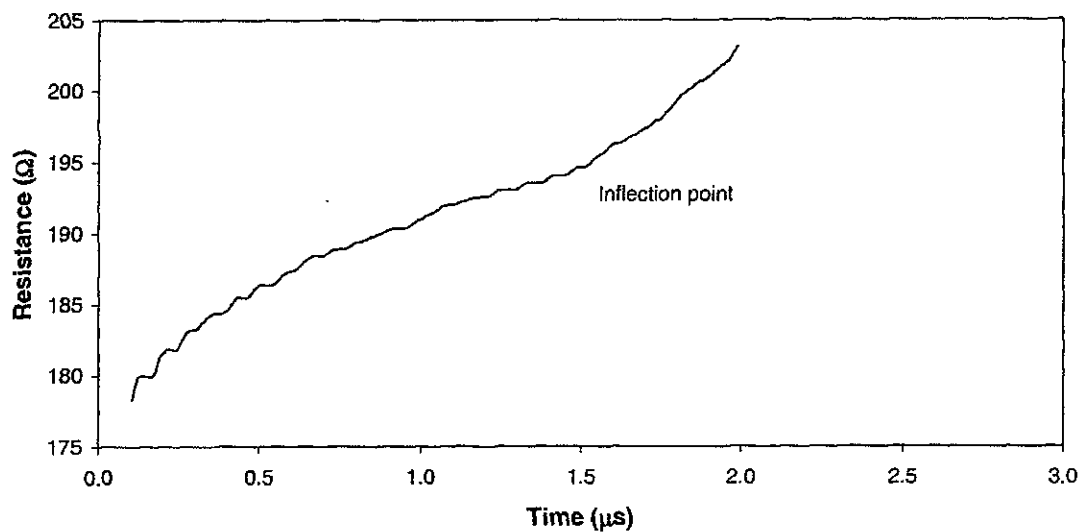


FIG. 62

38/72

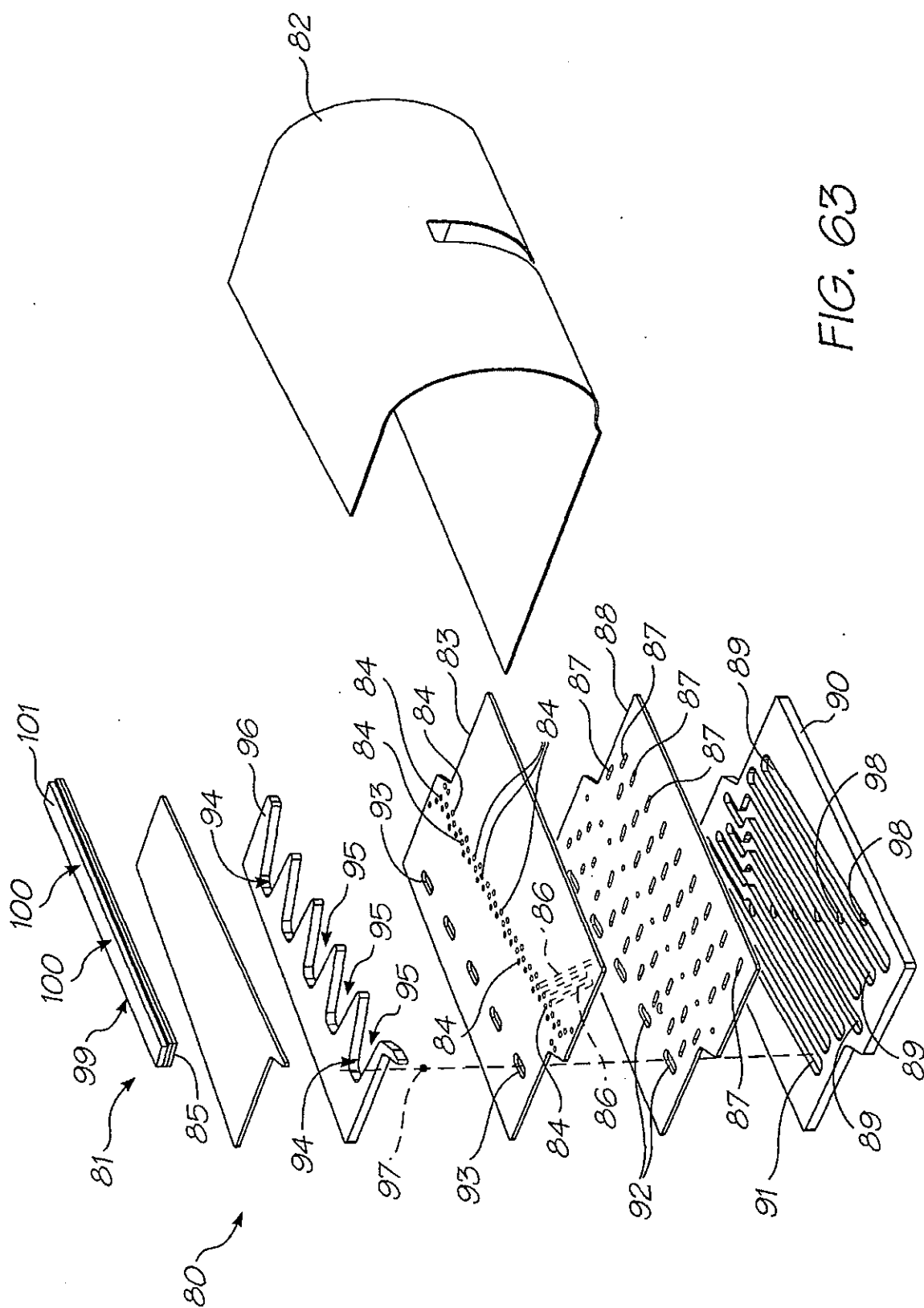


FIG. 63

39/72

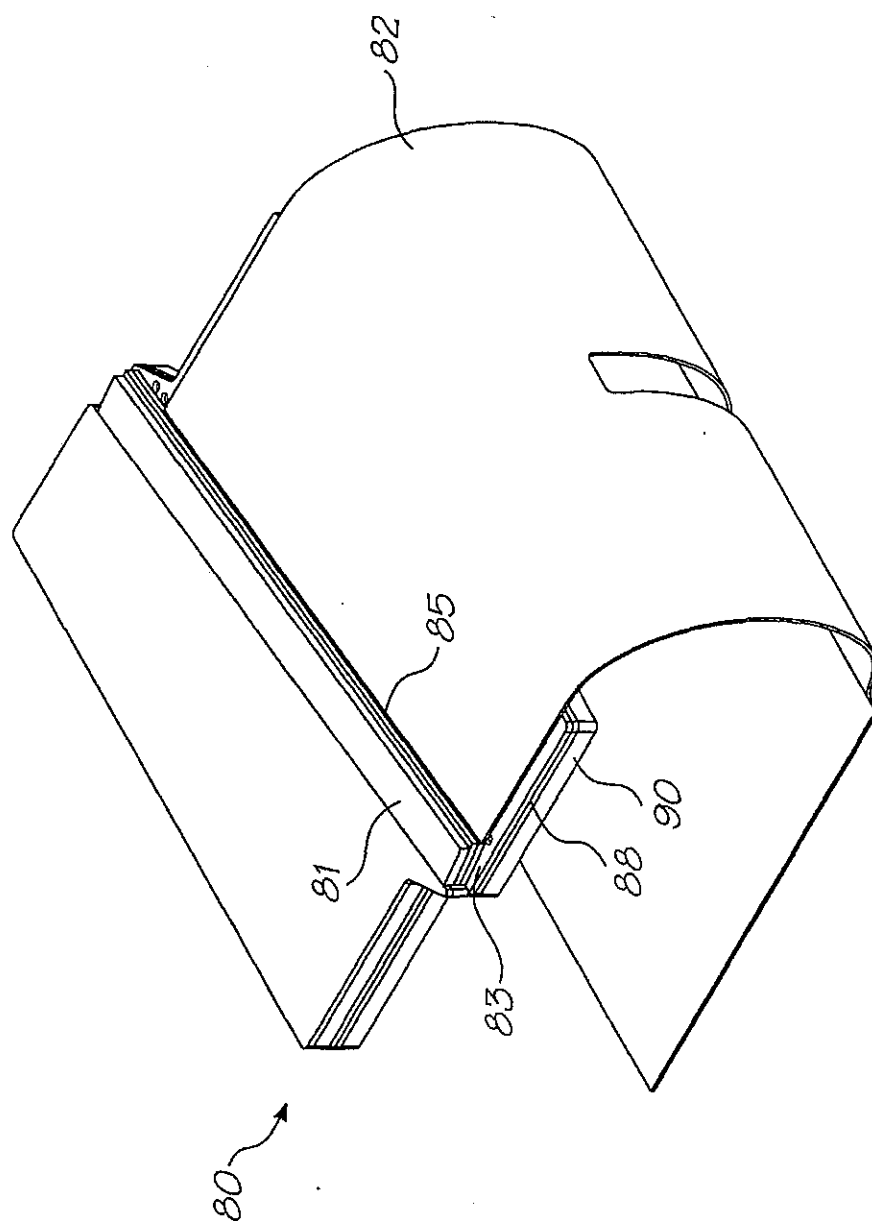


FIG. 64

40/72

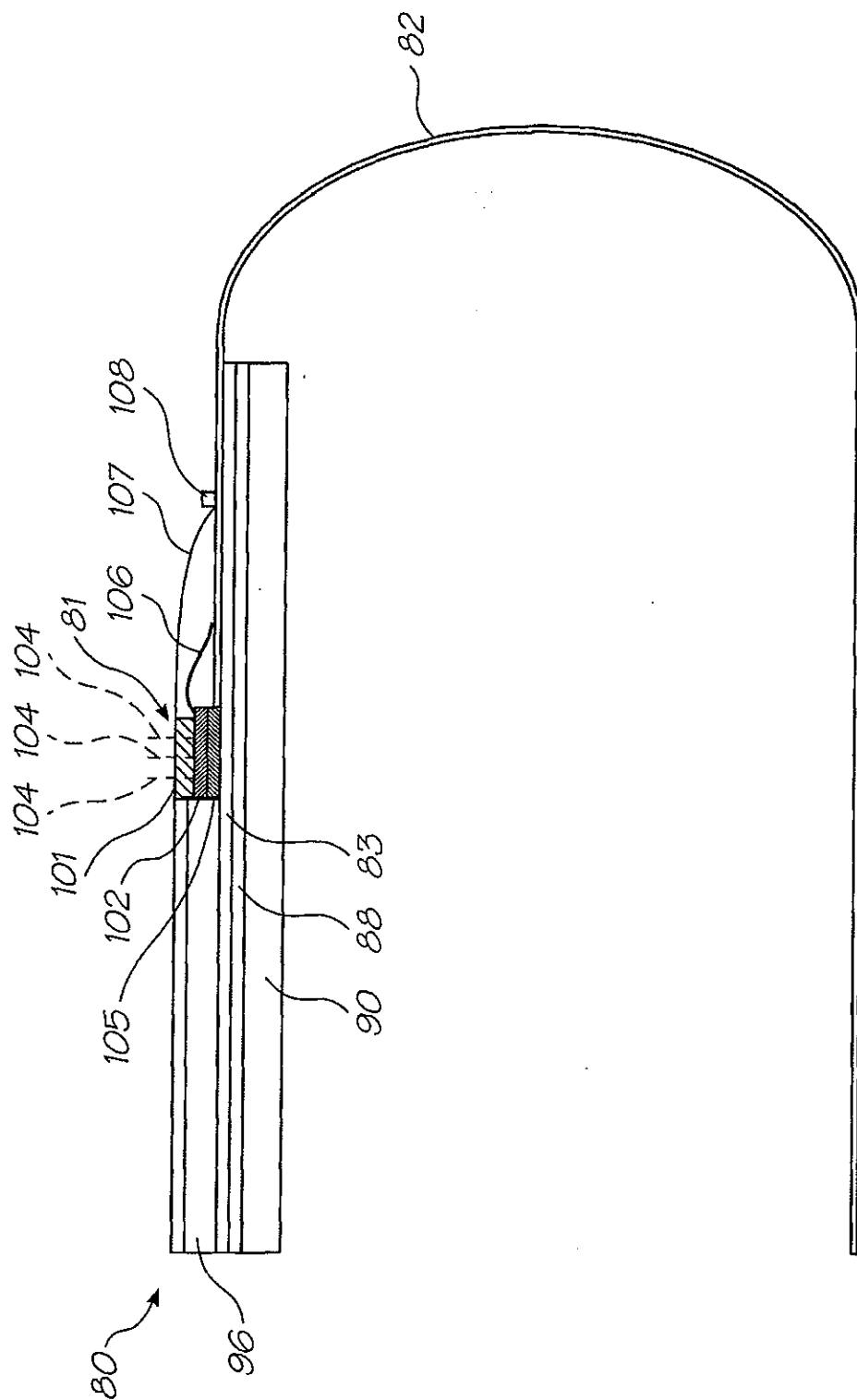


FIG. 65

41/72

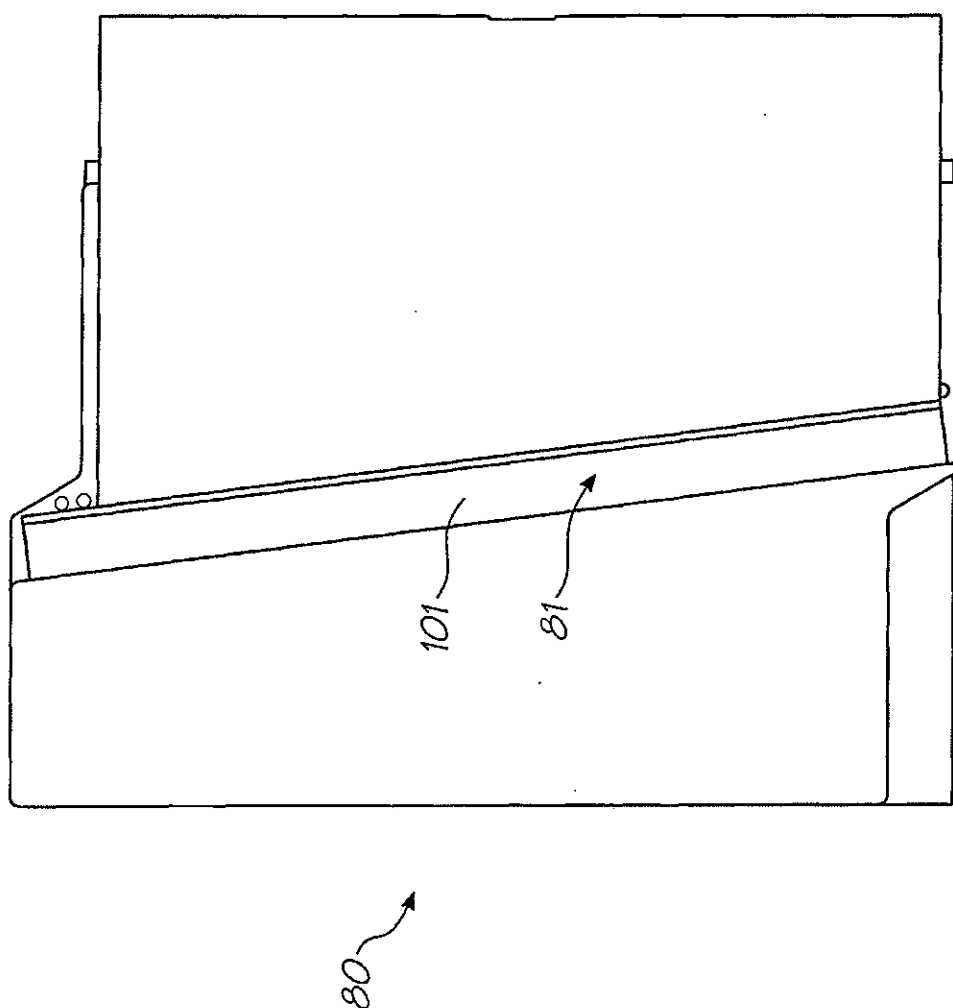


FIG. 66

42/72

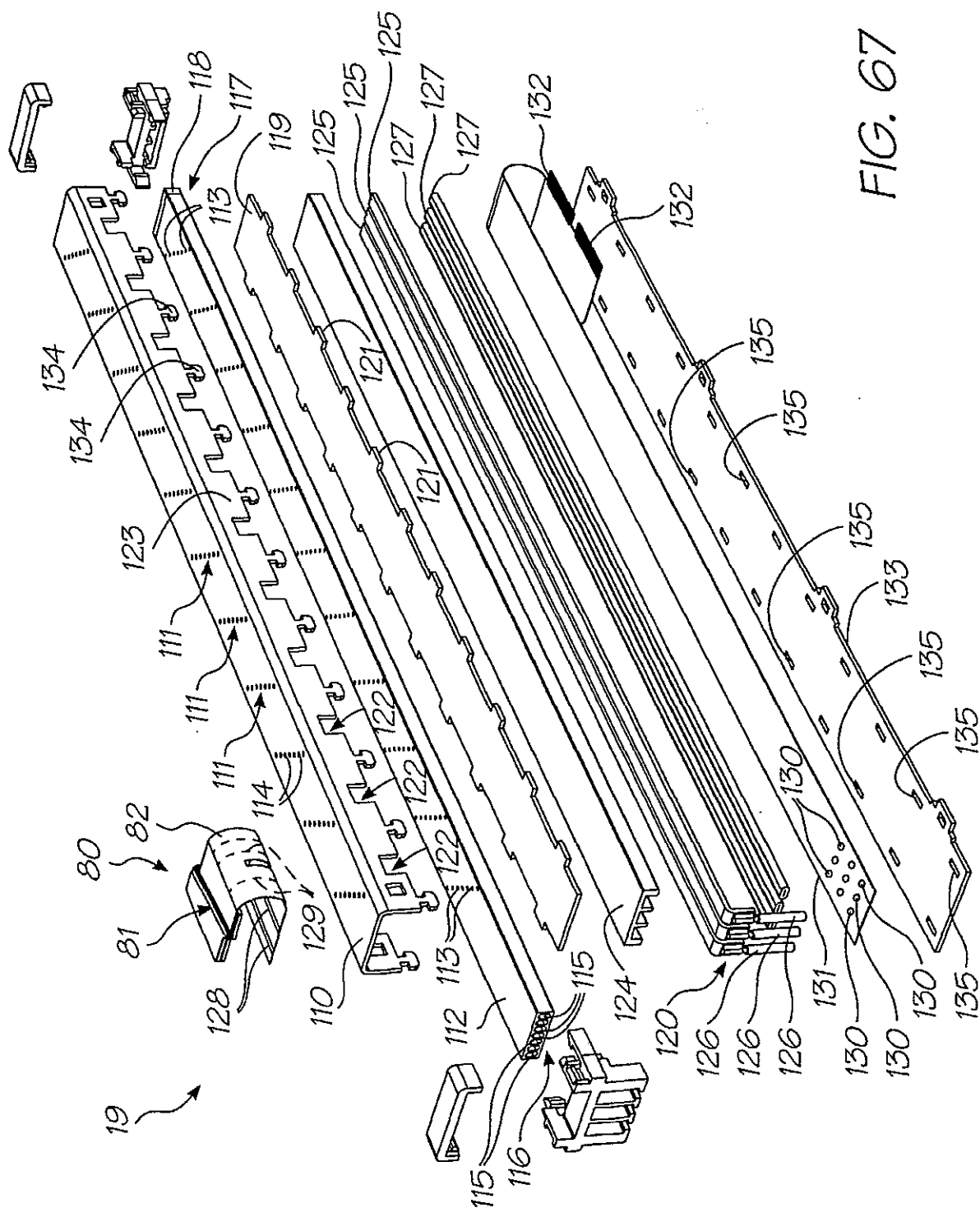


FIG. 67

43/72

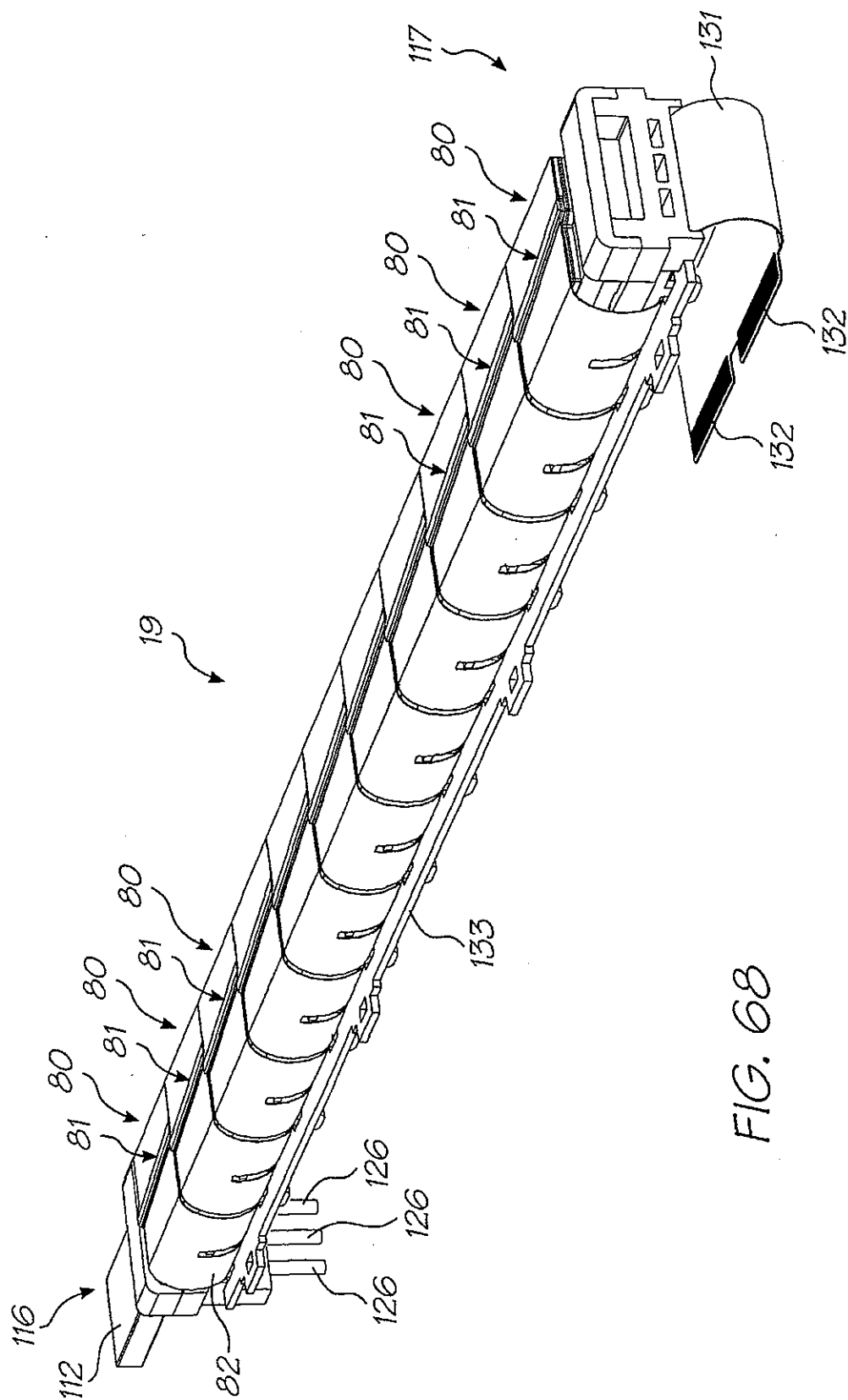


FIG. 68

44/72

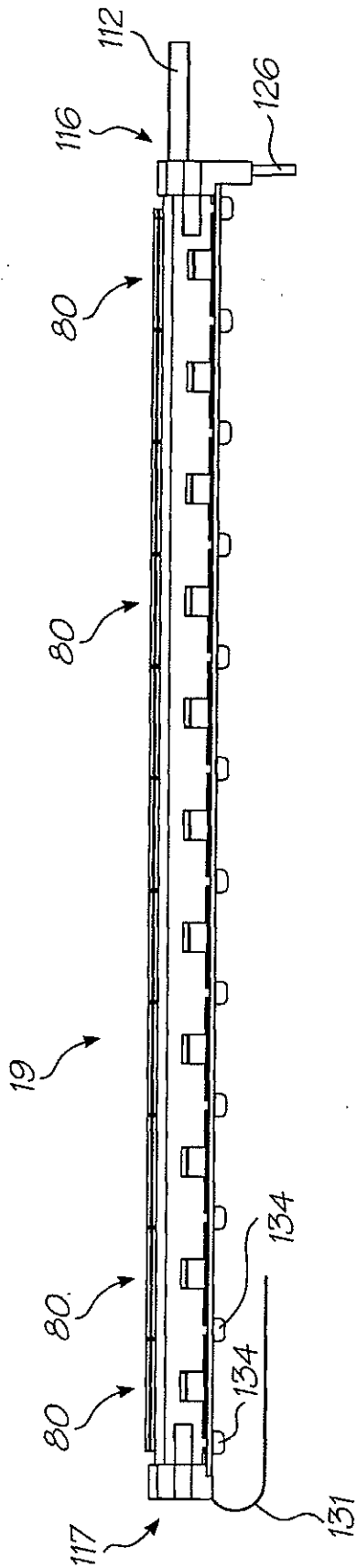


FIG. 69

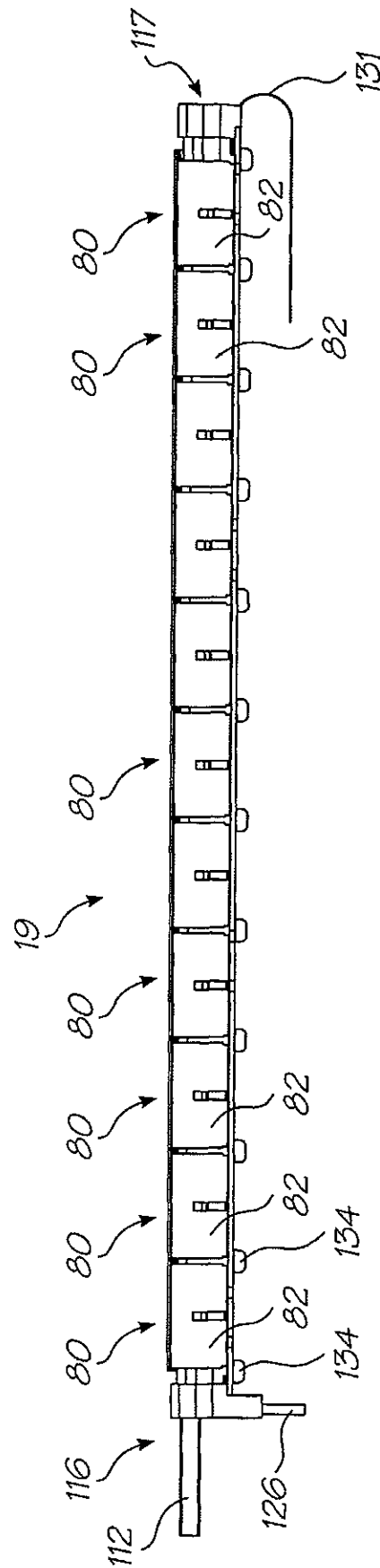


FIG. 70

45/72

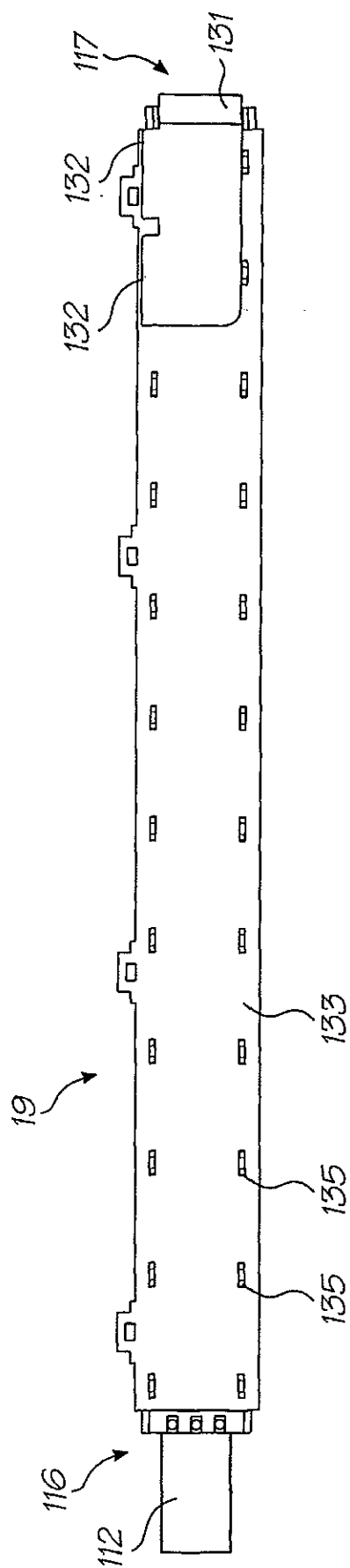


FIG. 71

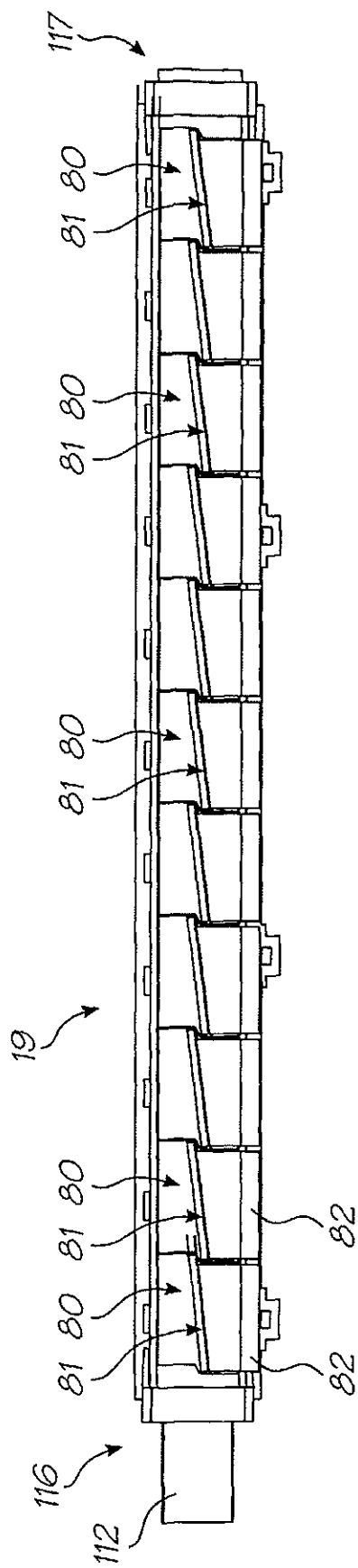
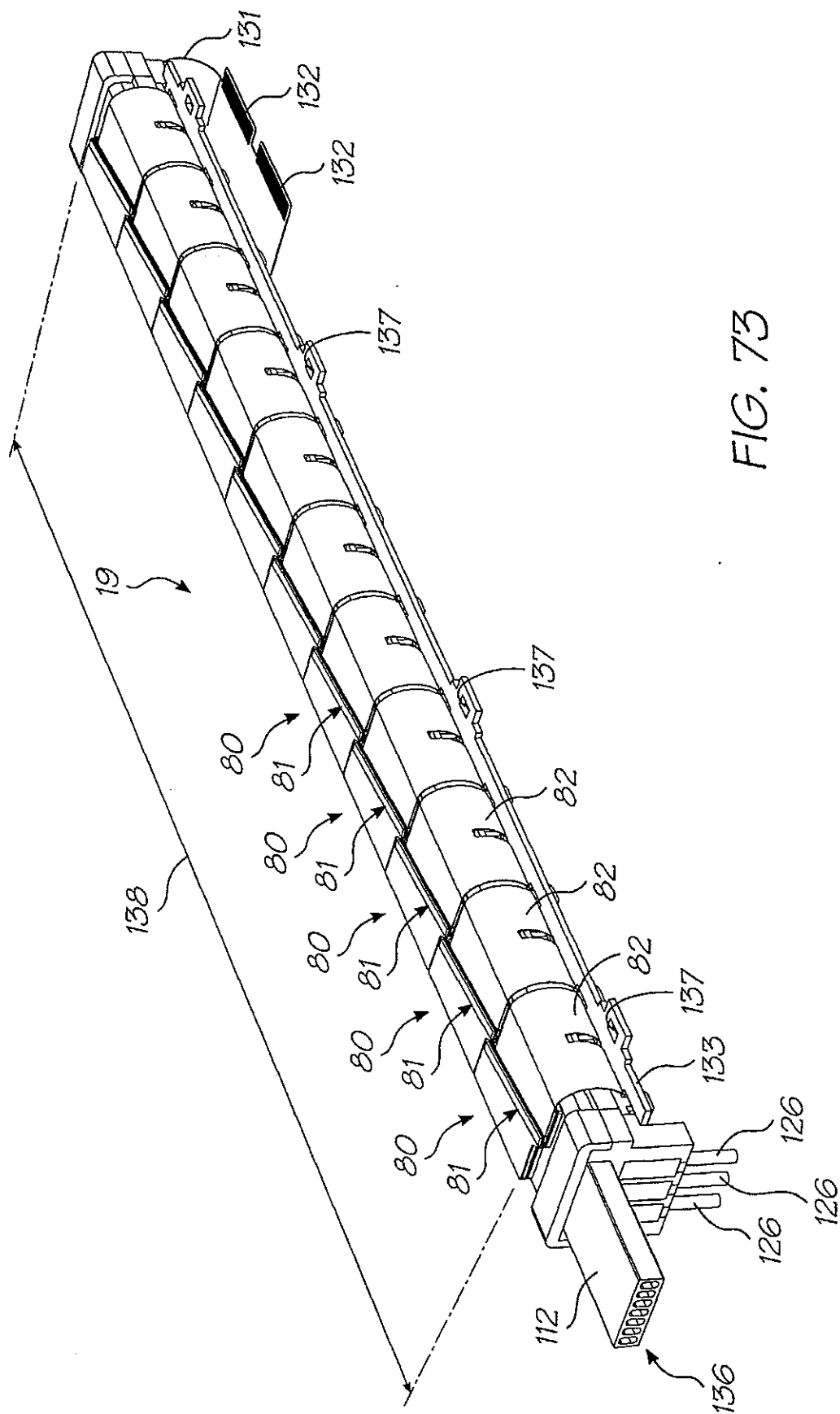


FIG. 72

46/72



47/72

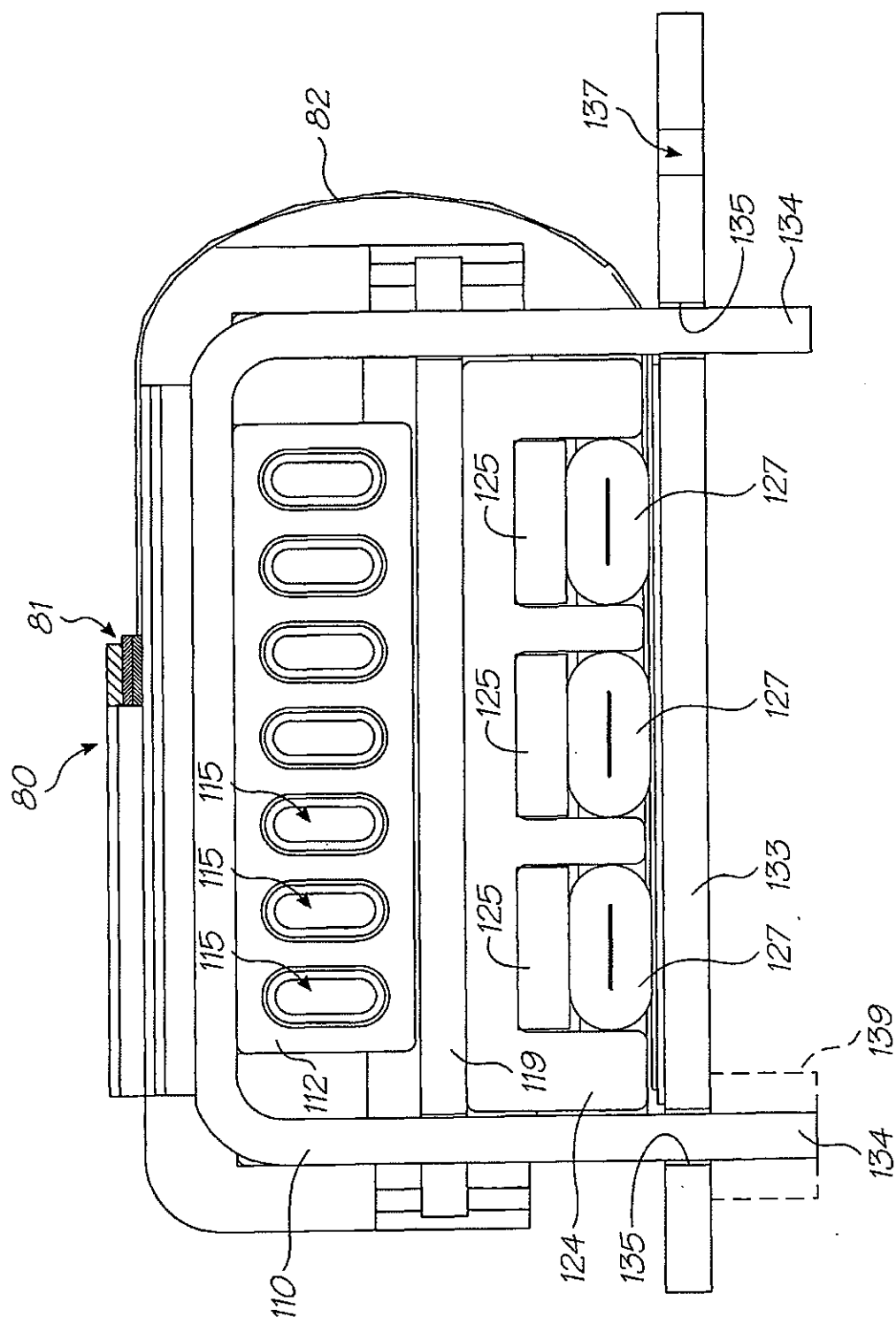


FIG. 74

48/72

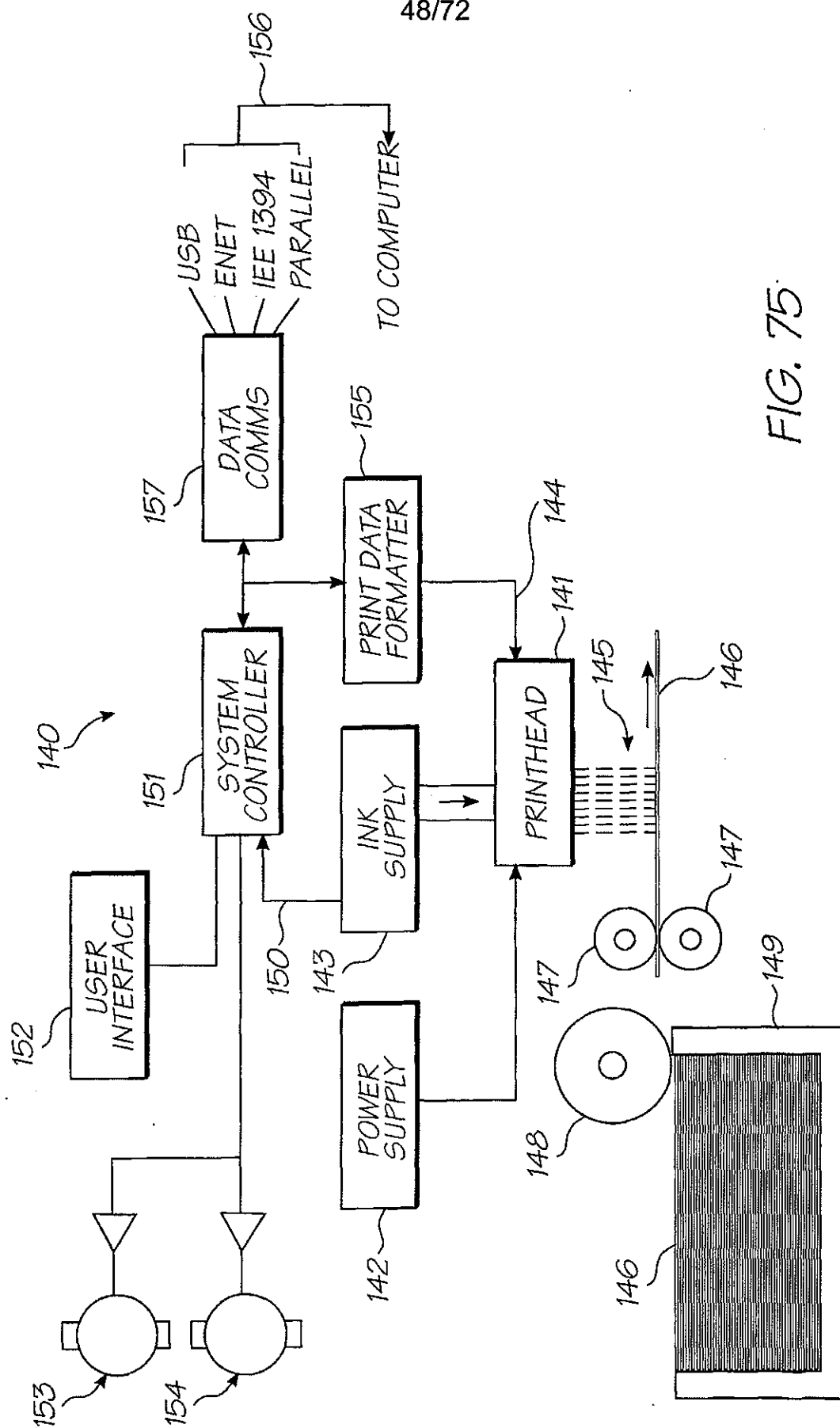
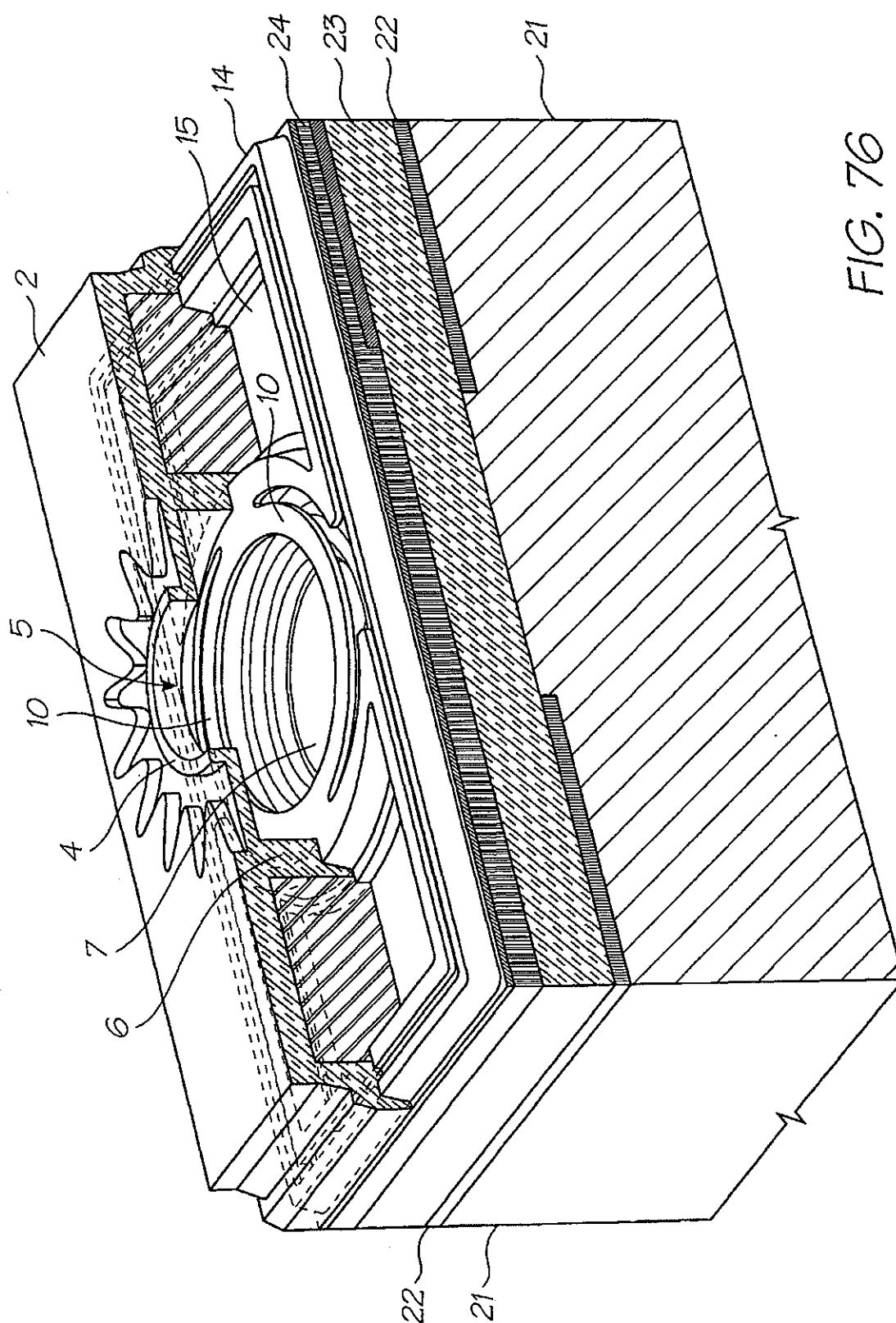


FIG. 75

49/72



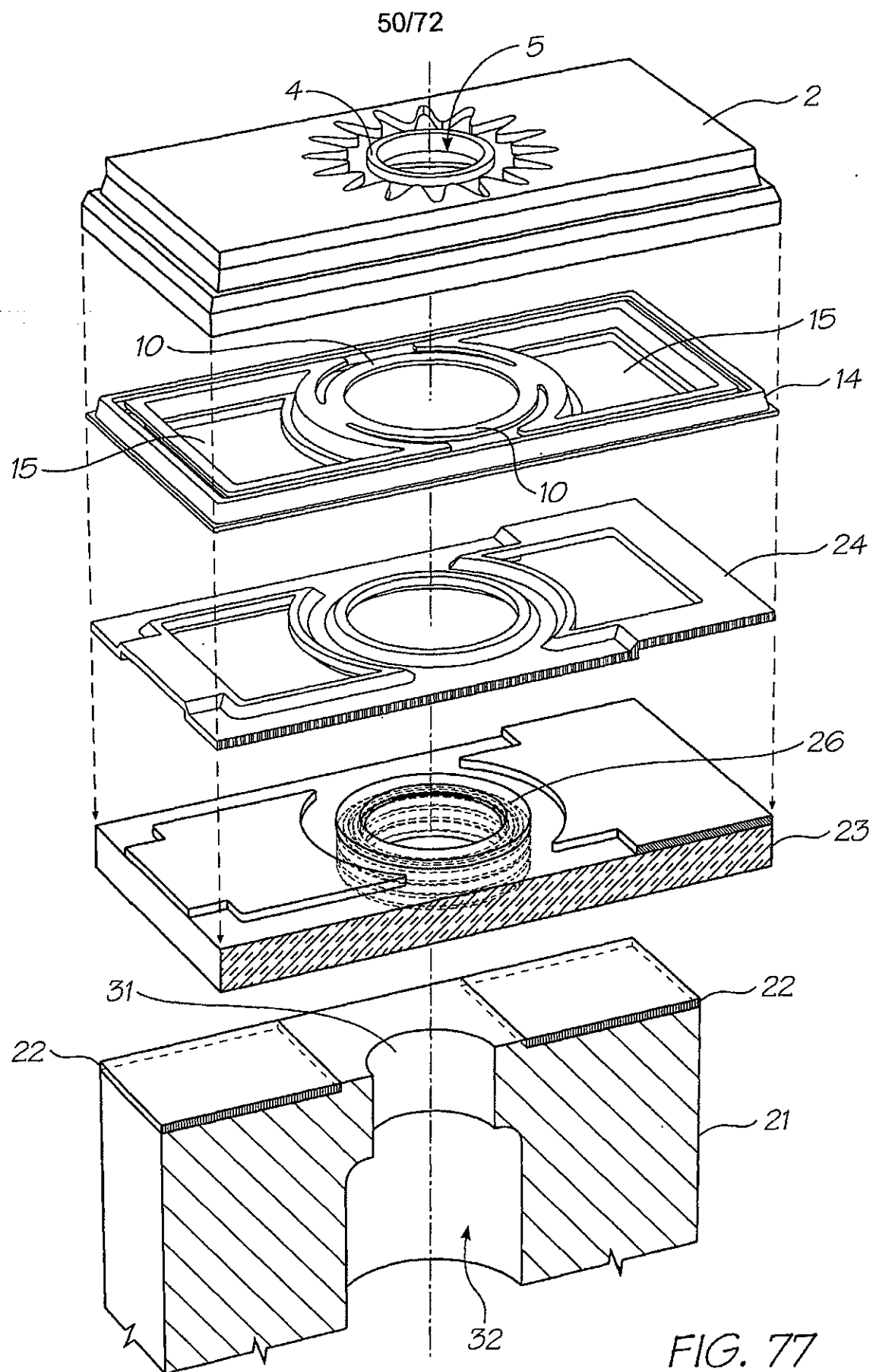


FIG. 77

51/72

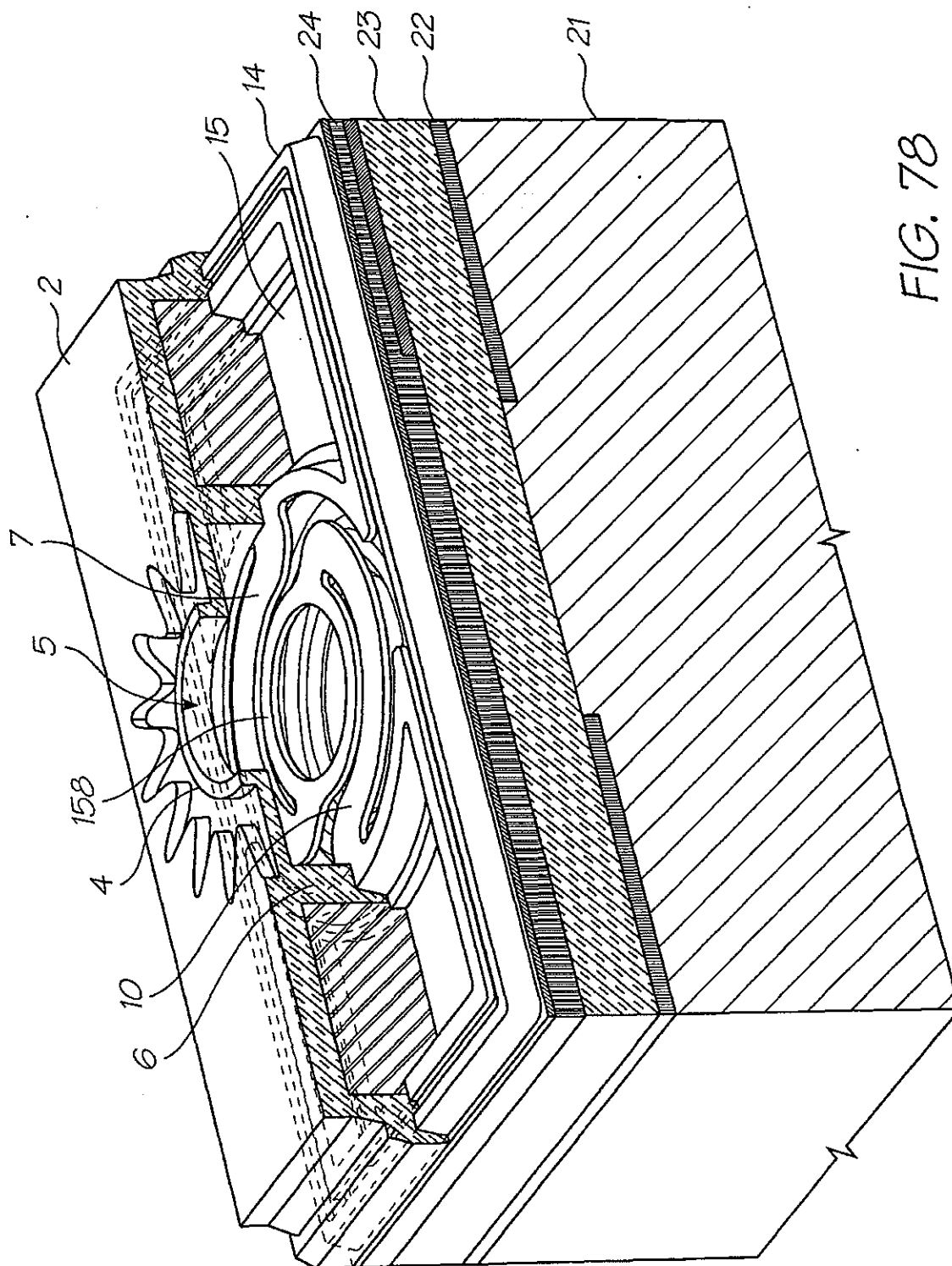
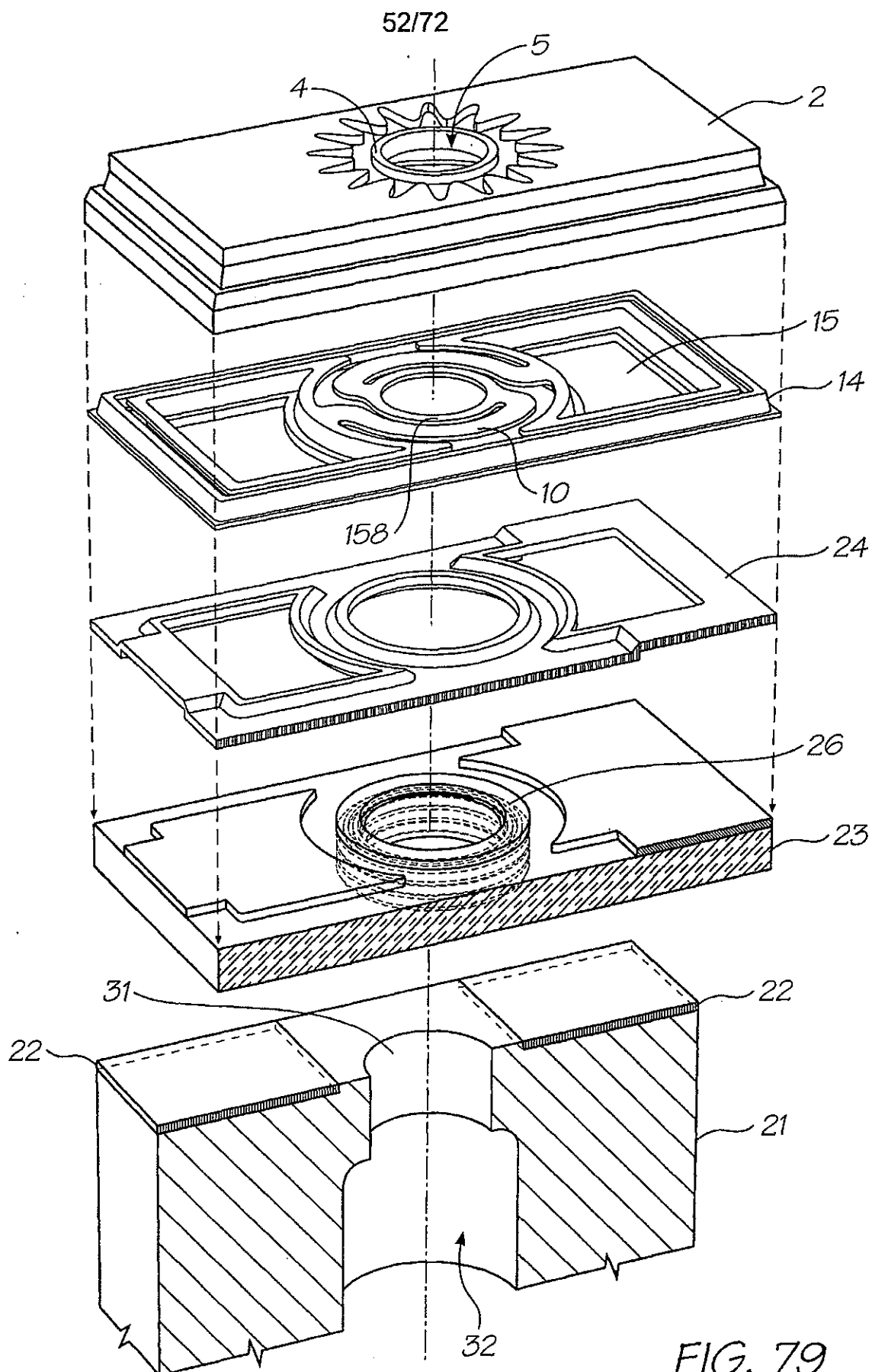


FIG. 78



53/72

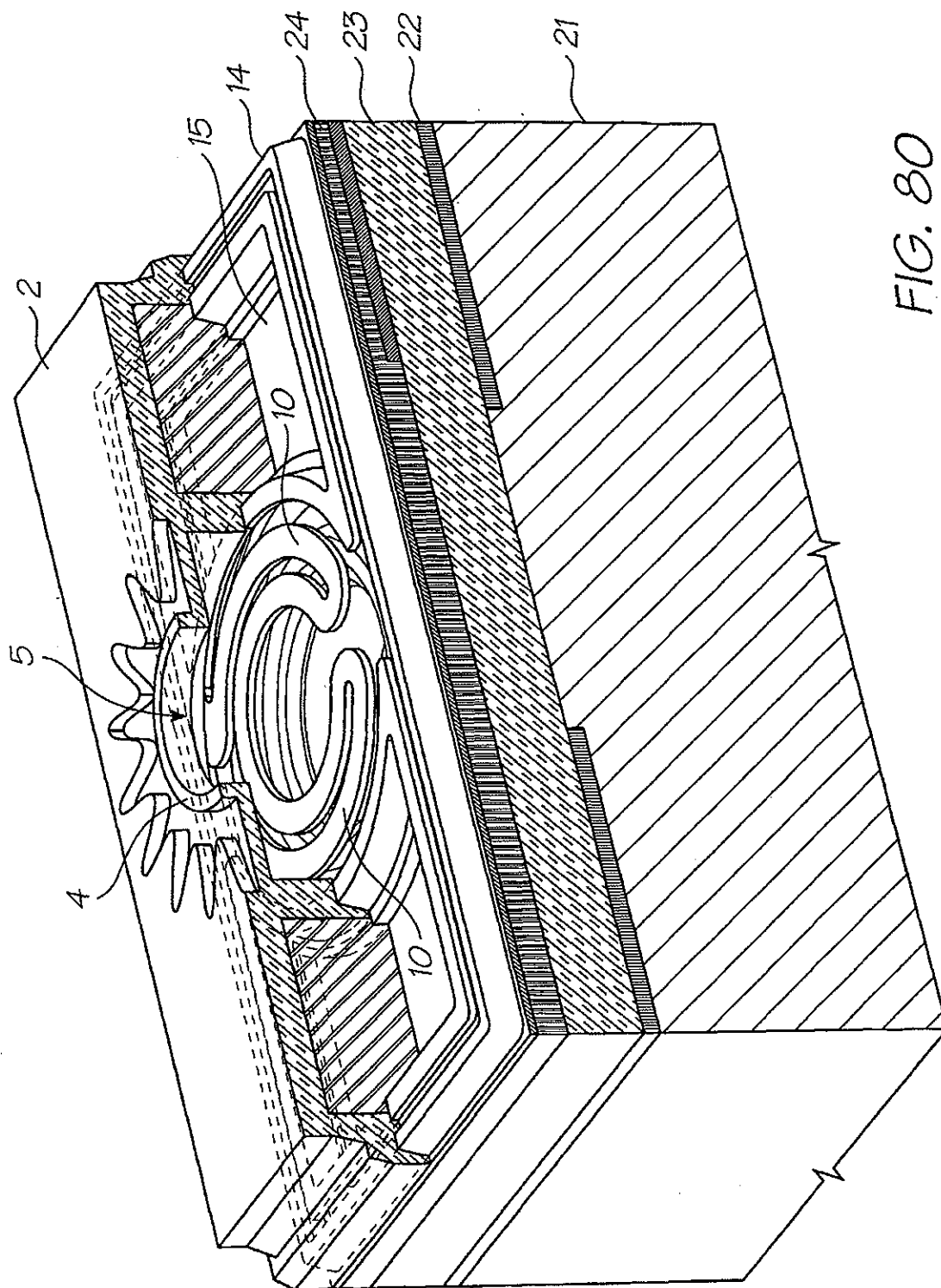


FIG. 80

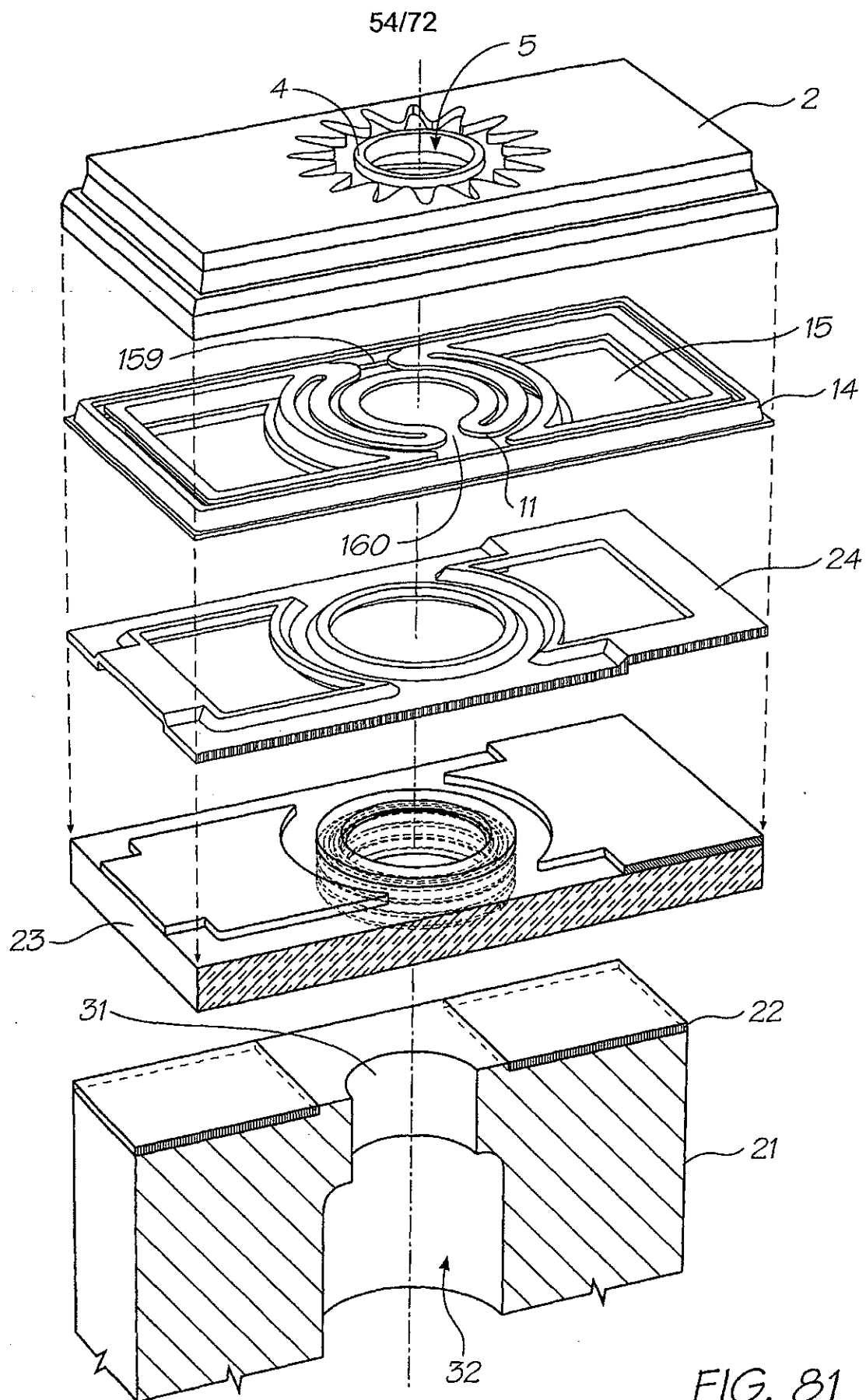


FIG. 81

55/72

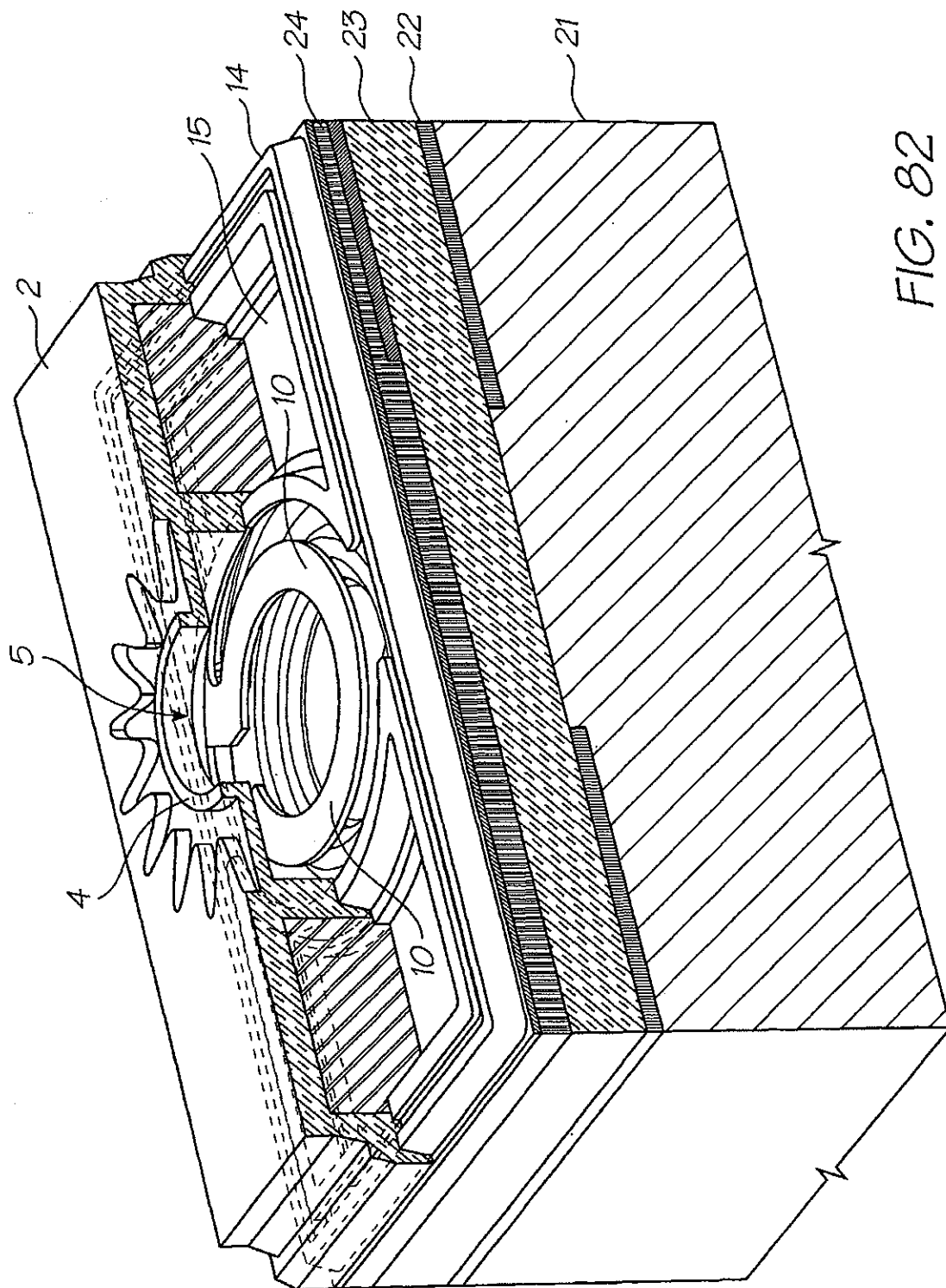


FIG. 82

56/72

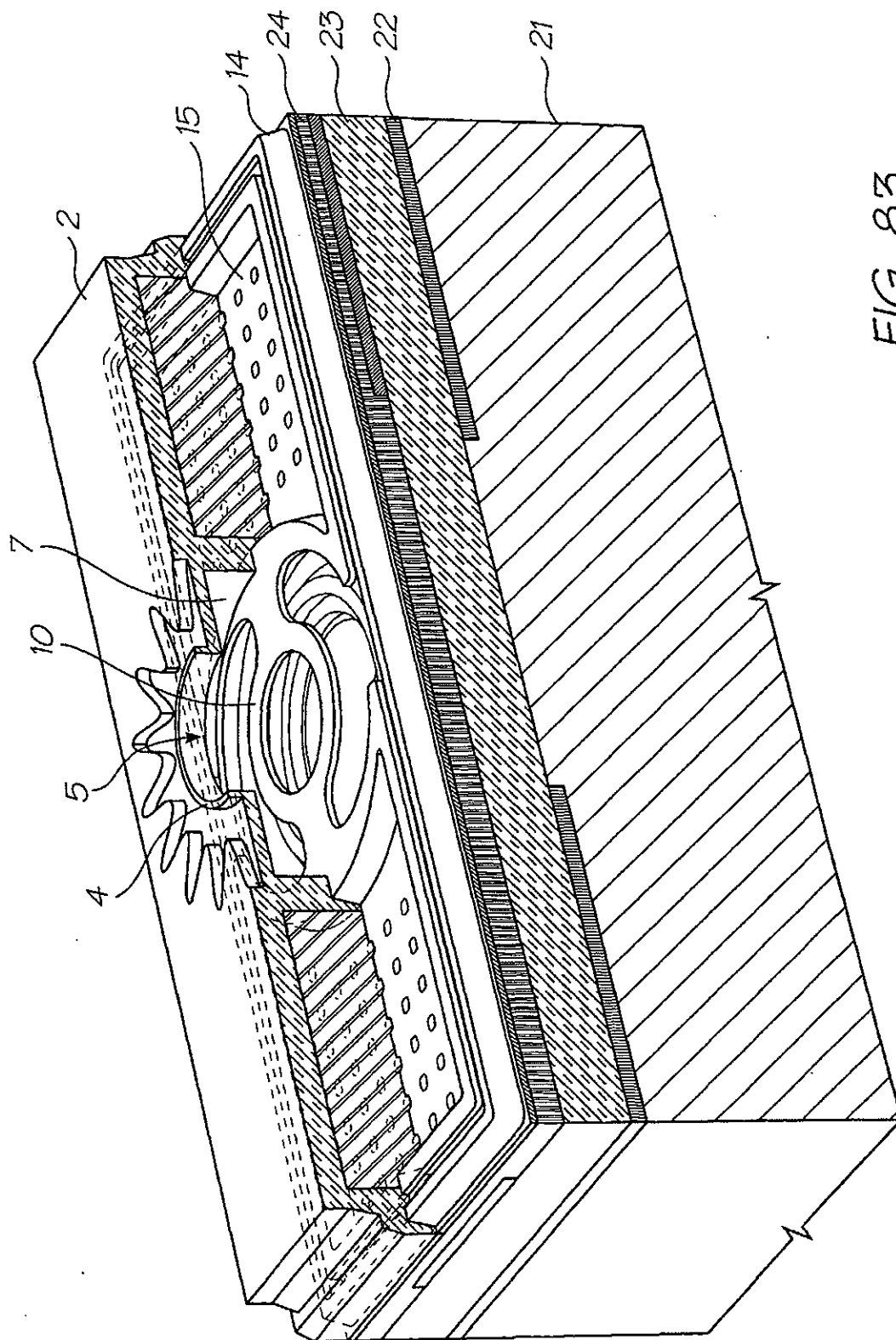


FIG. 83

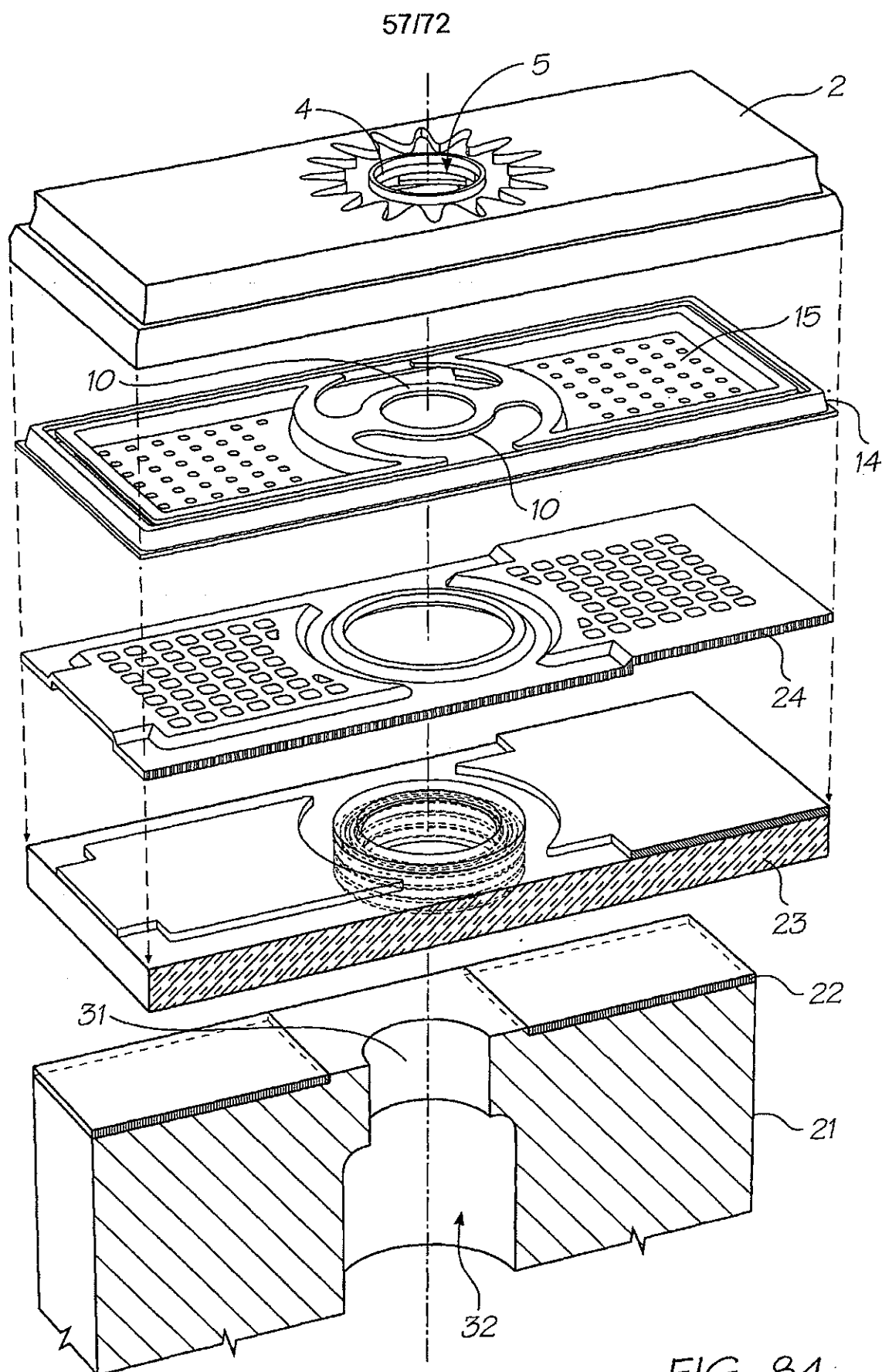


FIG. 84

58/72

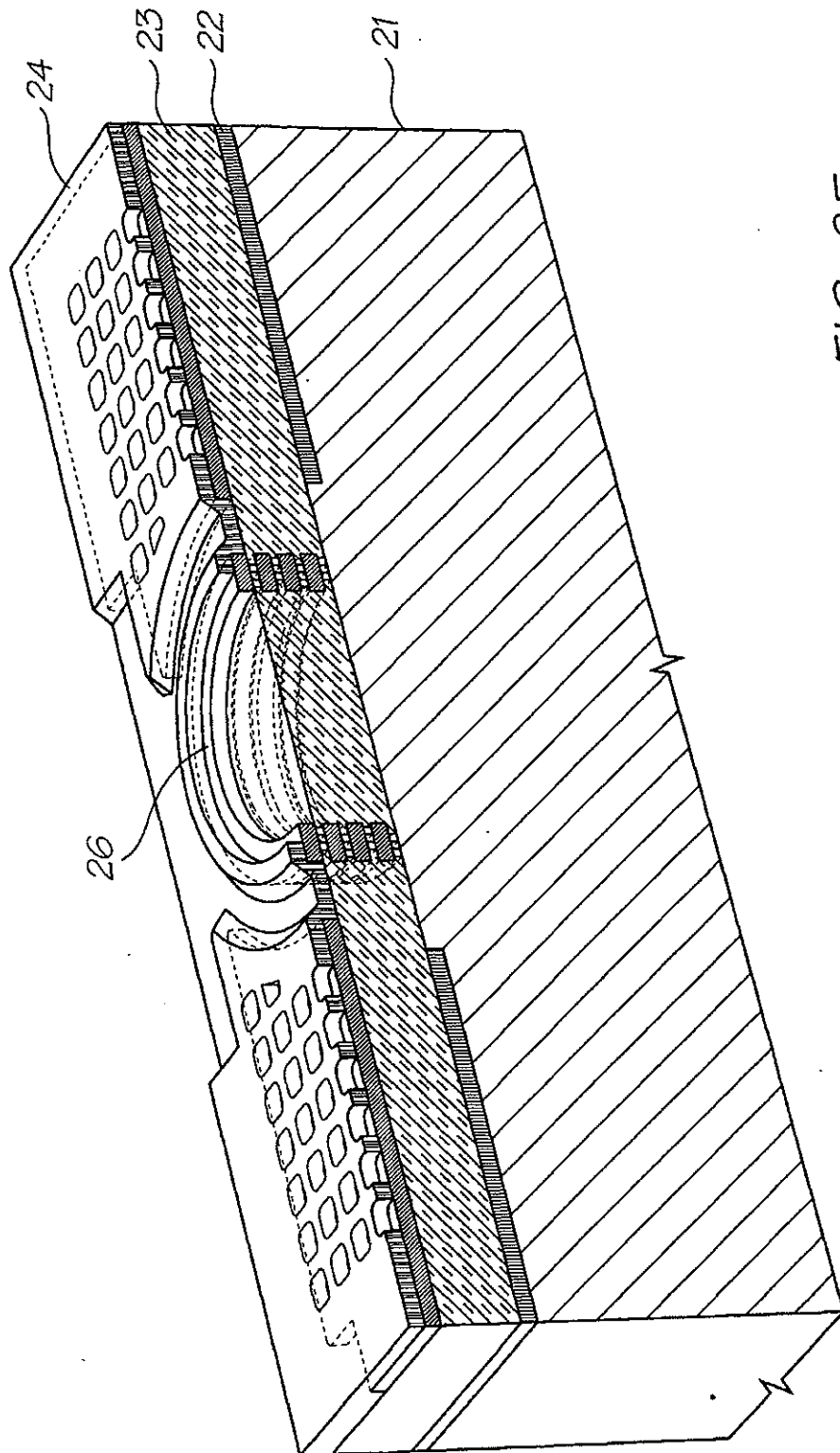


FIG. 85

59/72

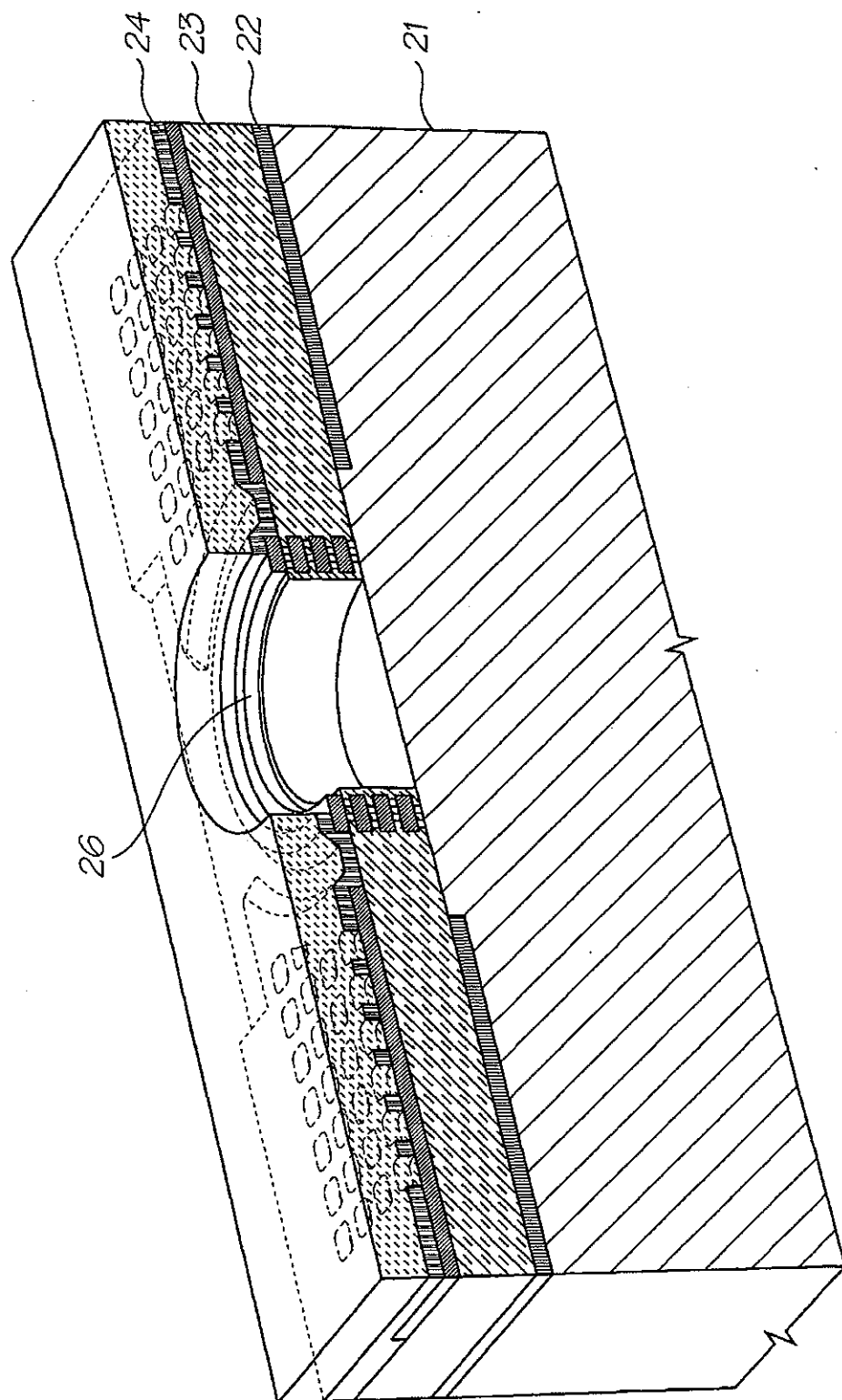


FIG. 86

60/72

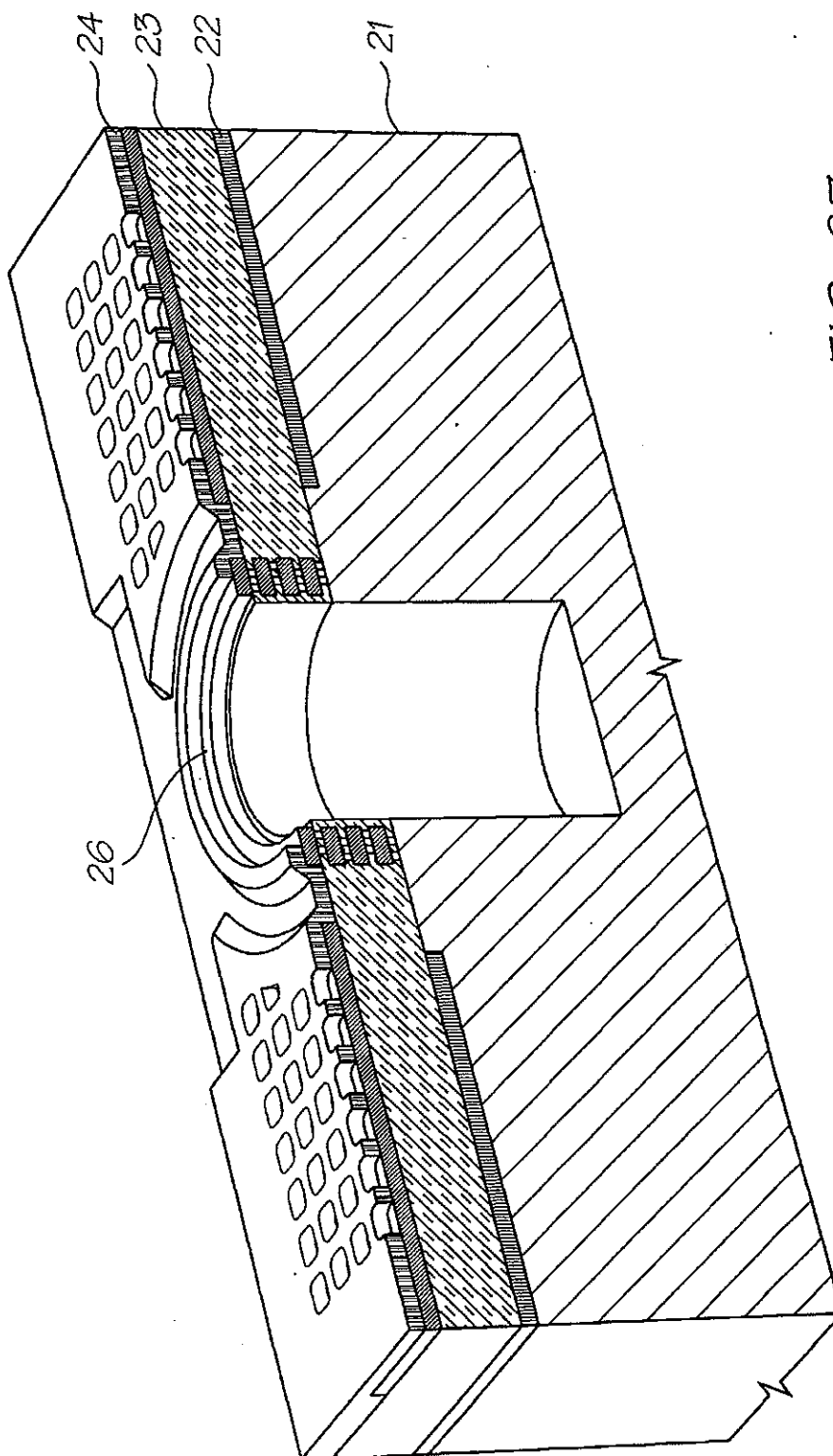


FIG. 87

61/72

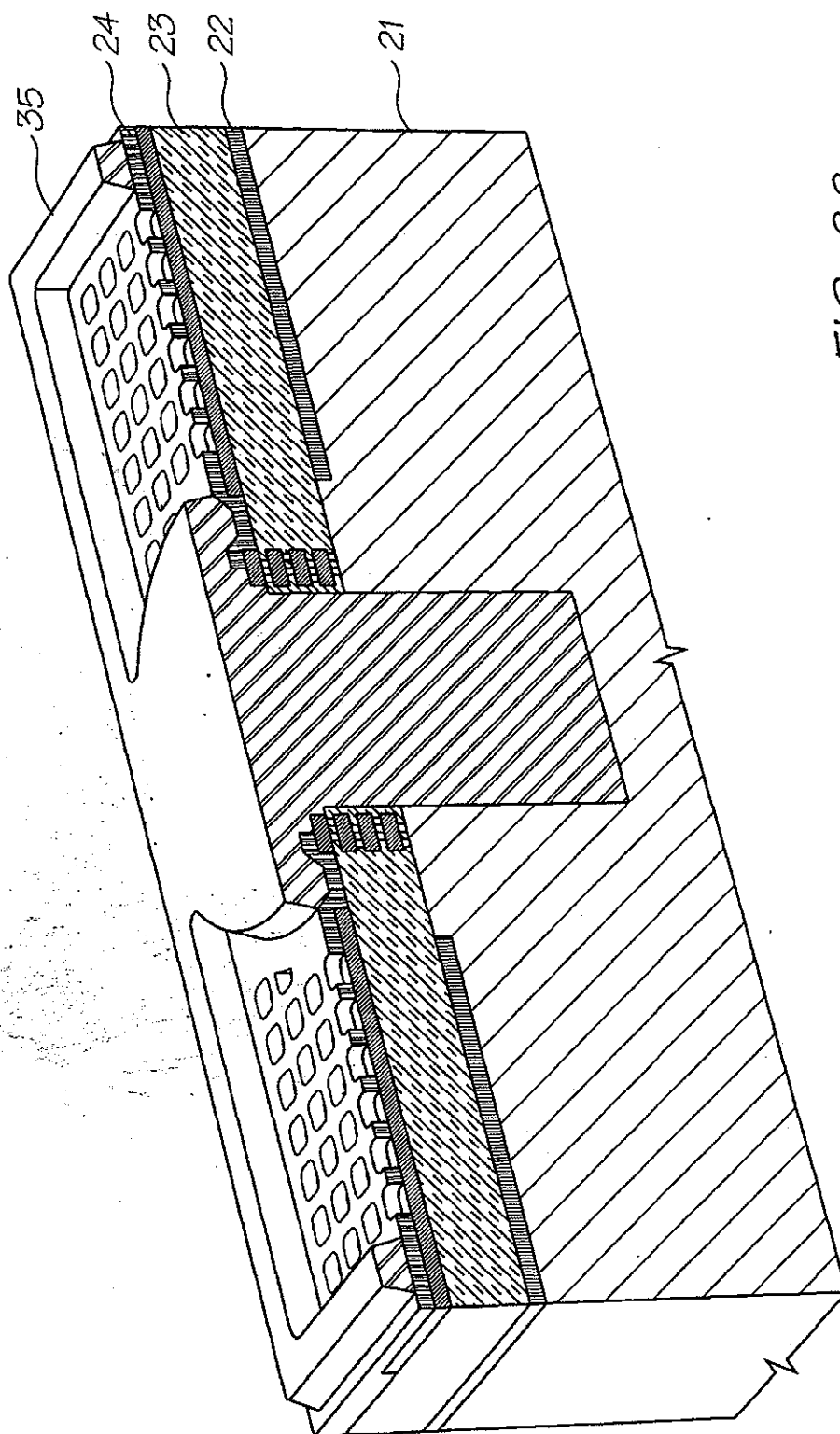


FIG. 88

62/72

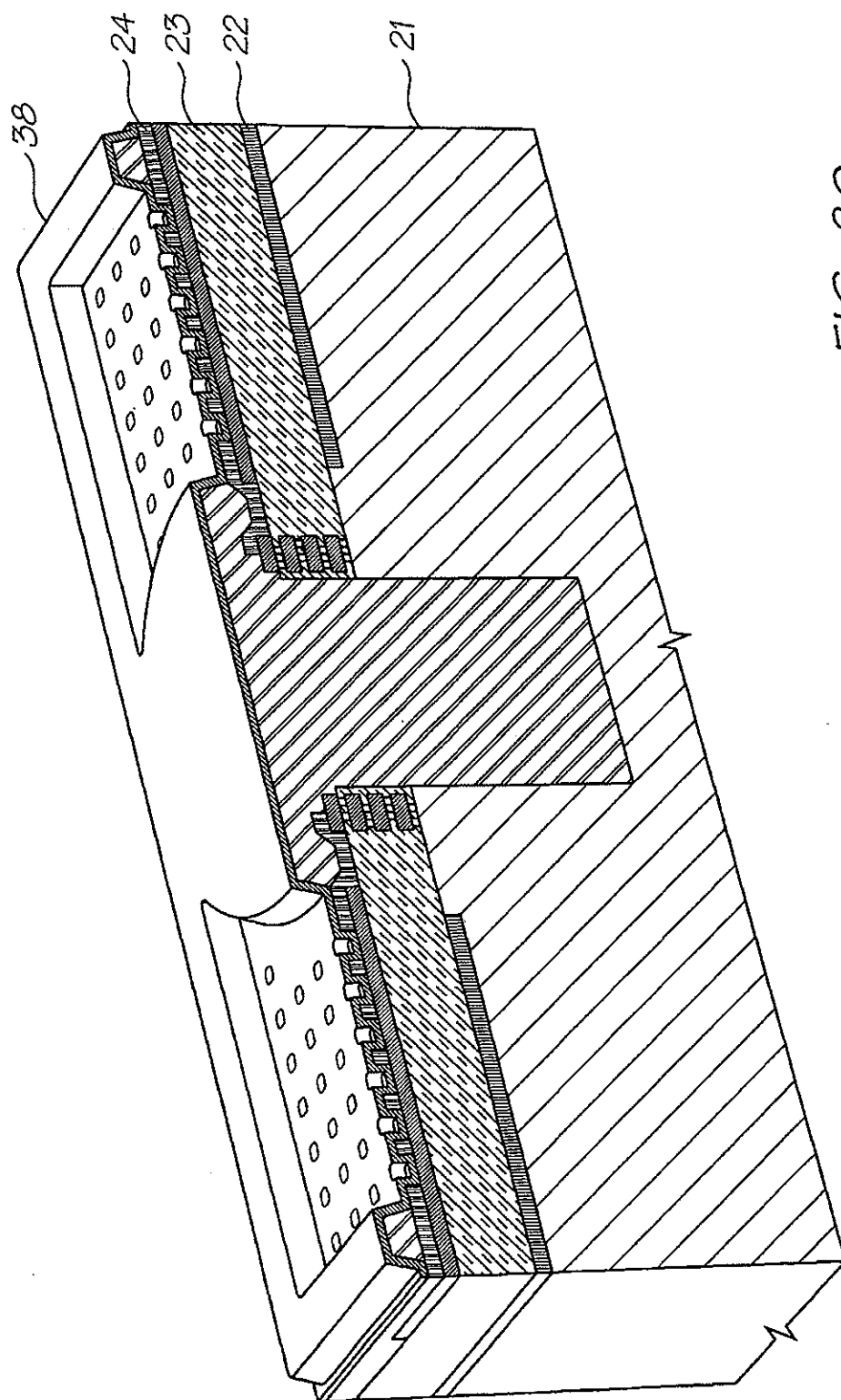


FIG. 89

63/72

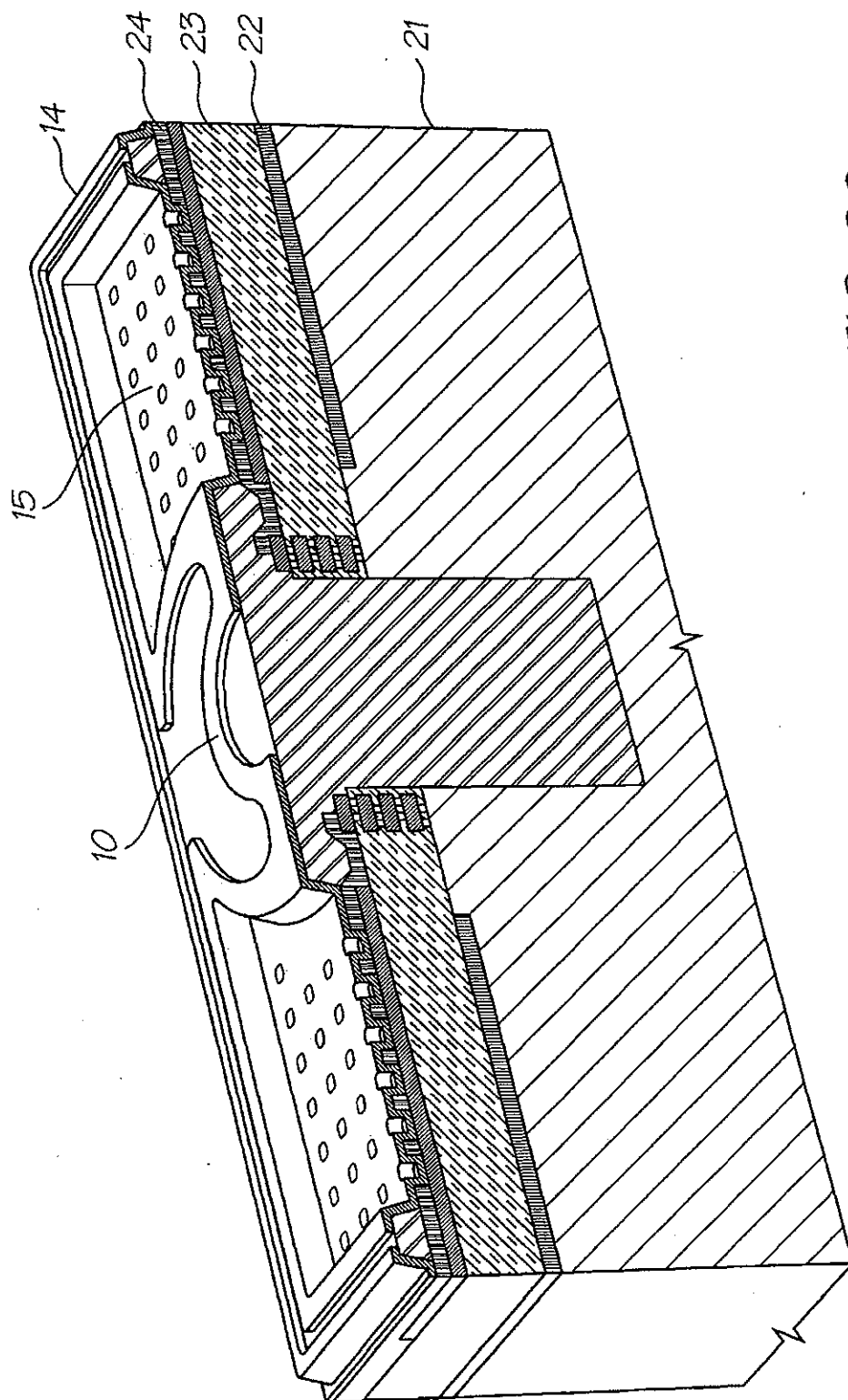


FIG. 90

64/72

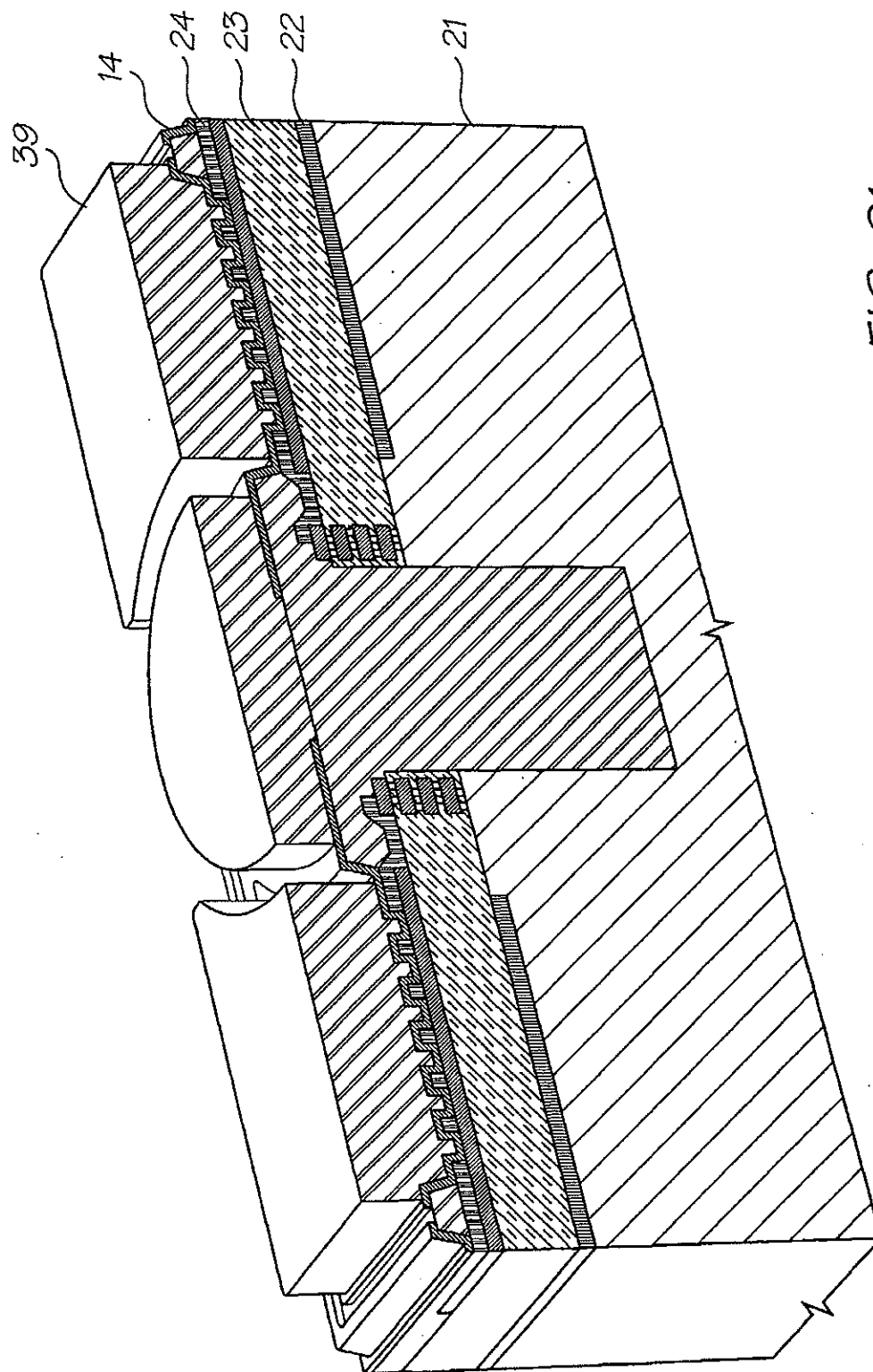


FIG. 91

65/72

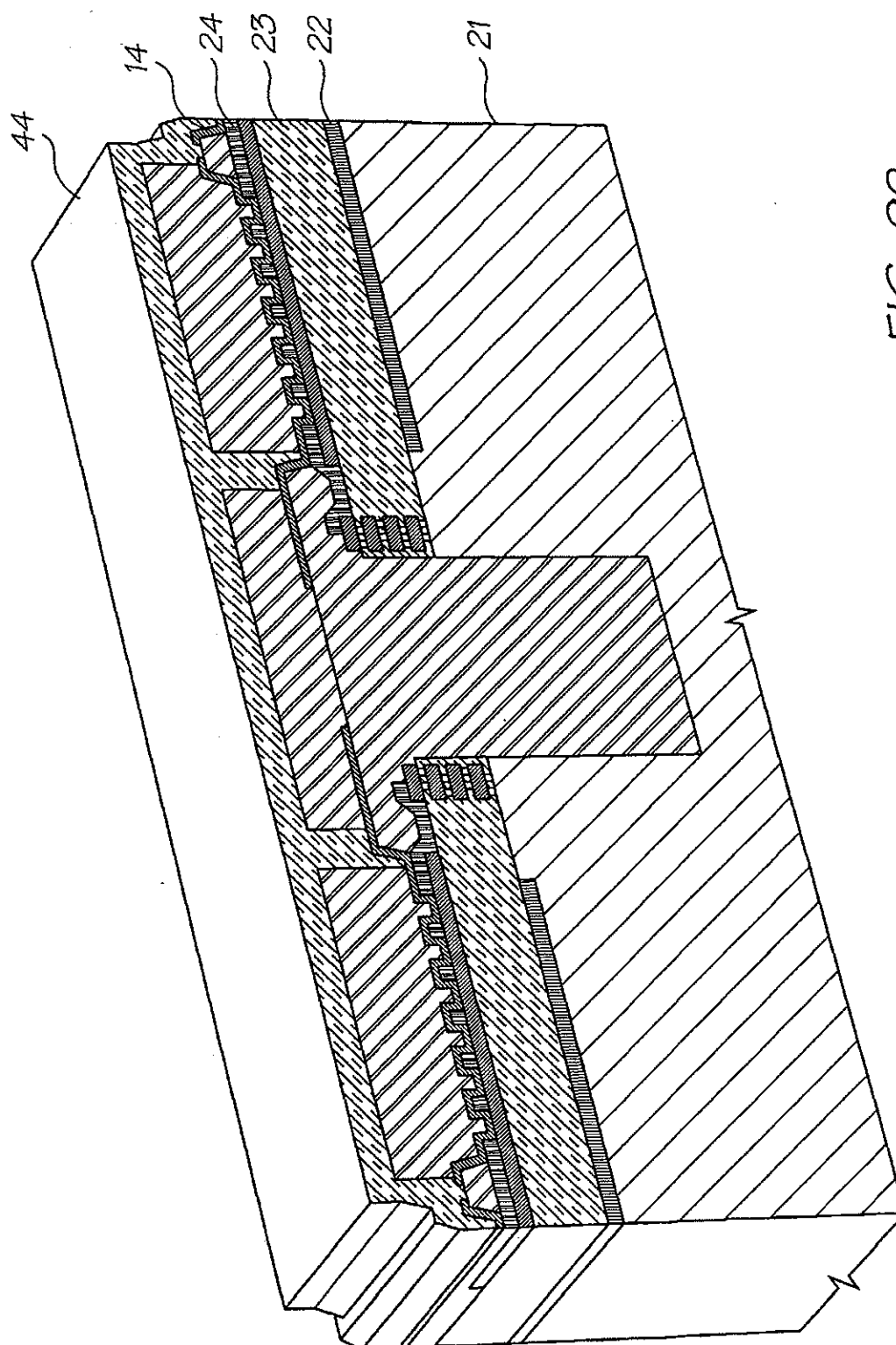


FIG. 92

66/72

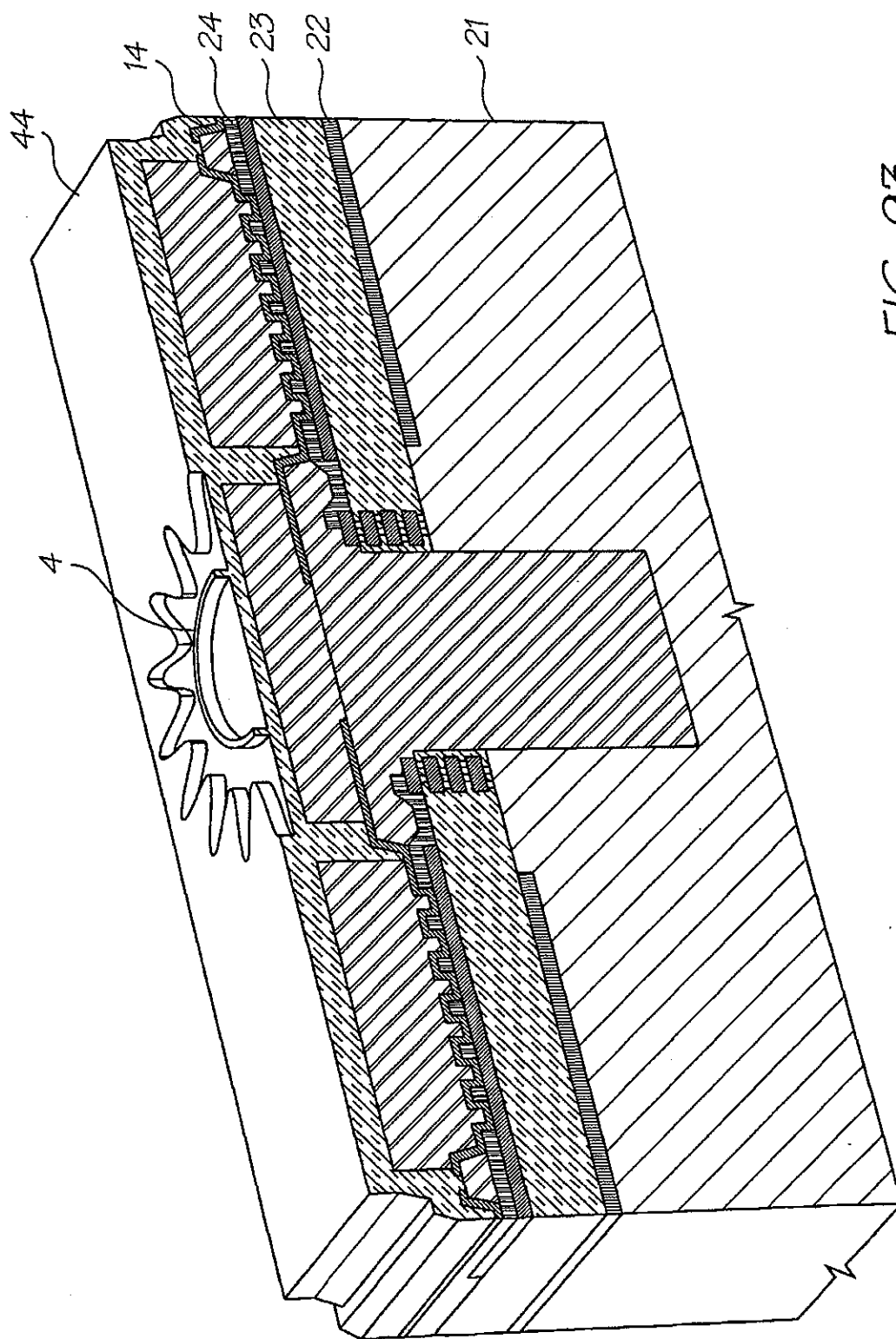


FIG. 93

67/72

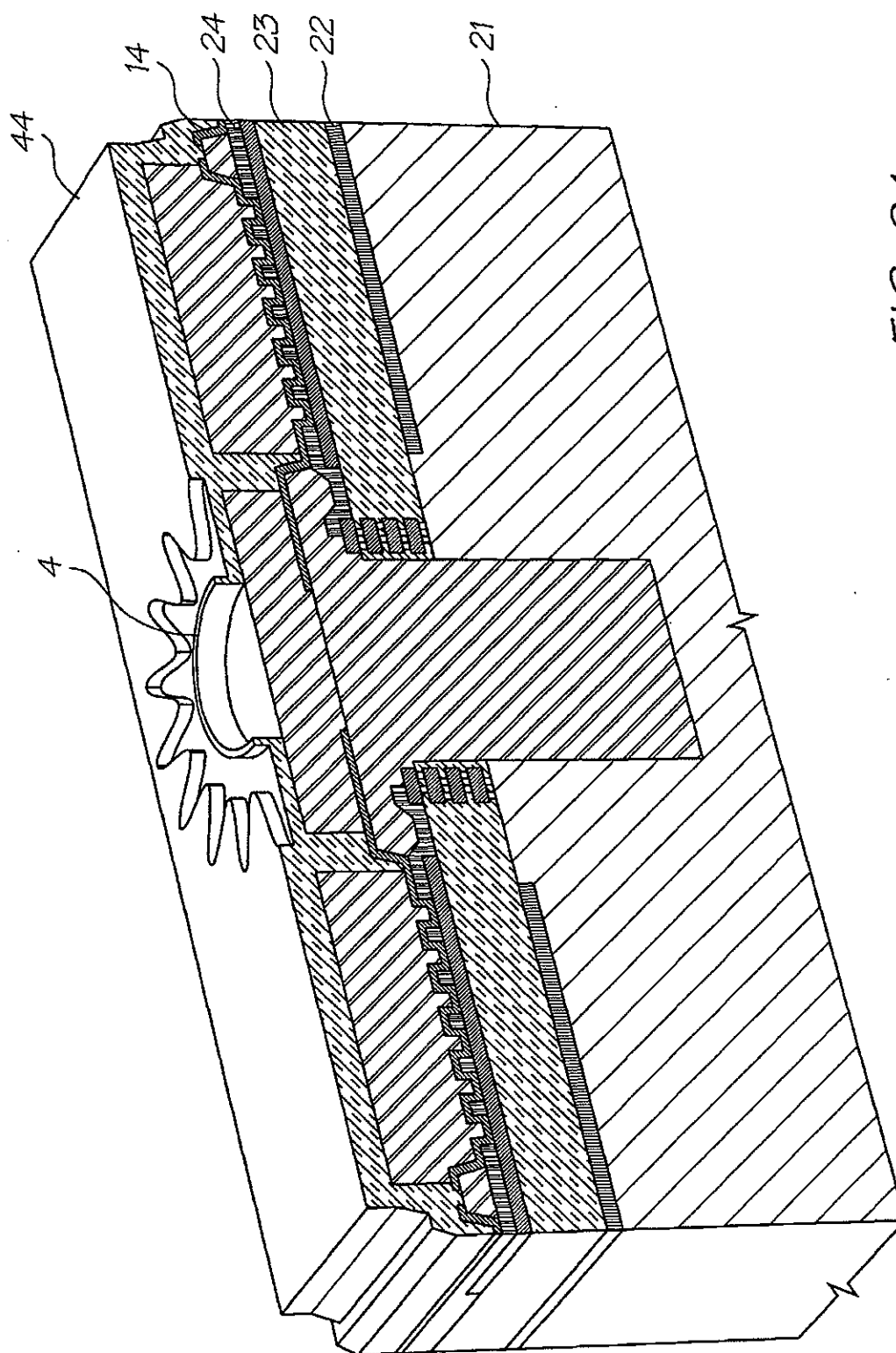


FIG. 94

68/72

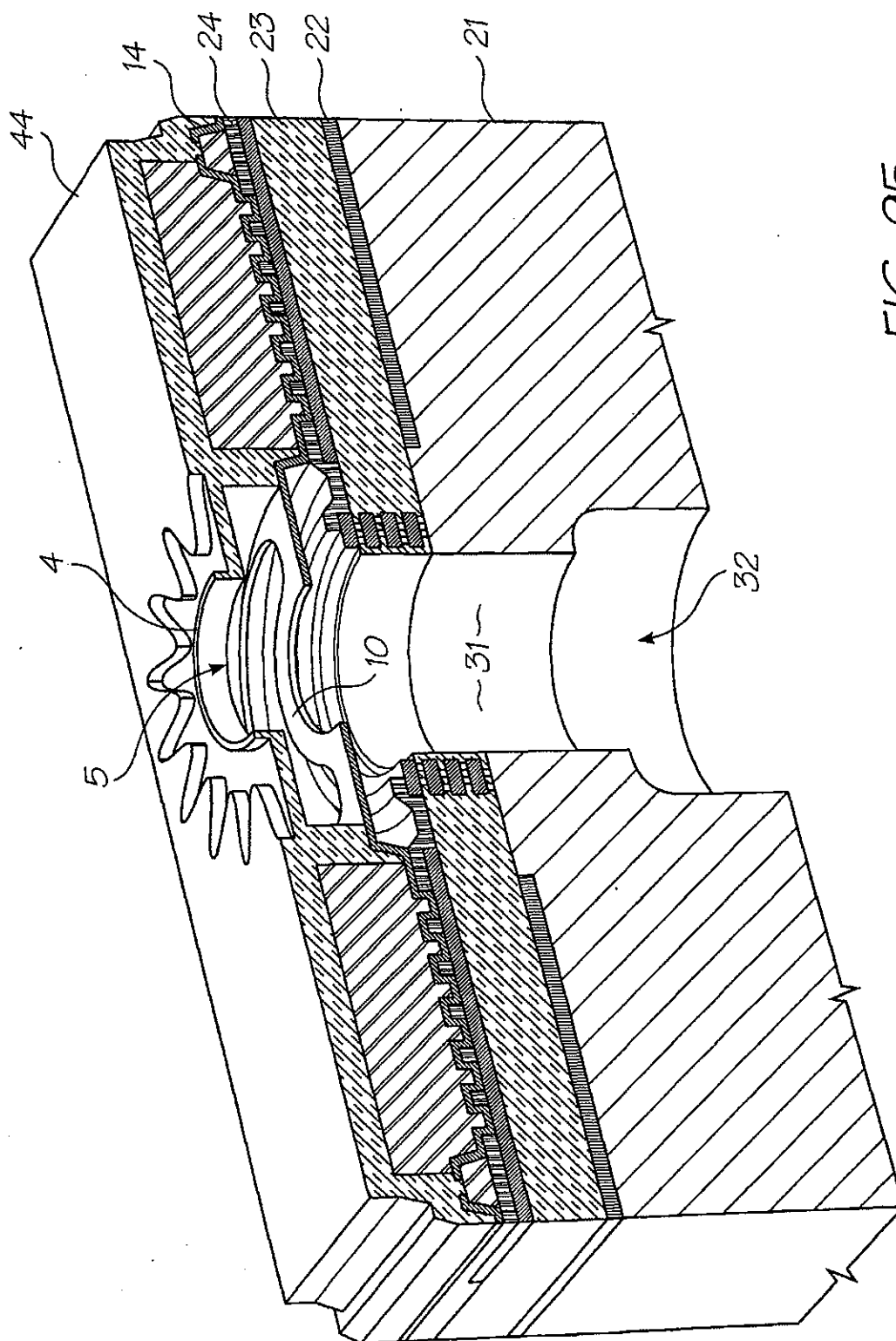


FIG. 95

69/72

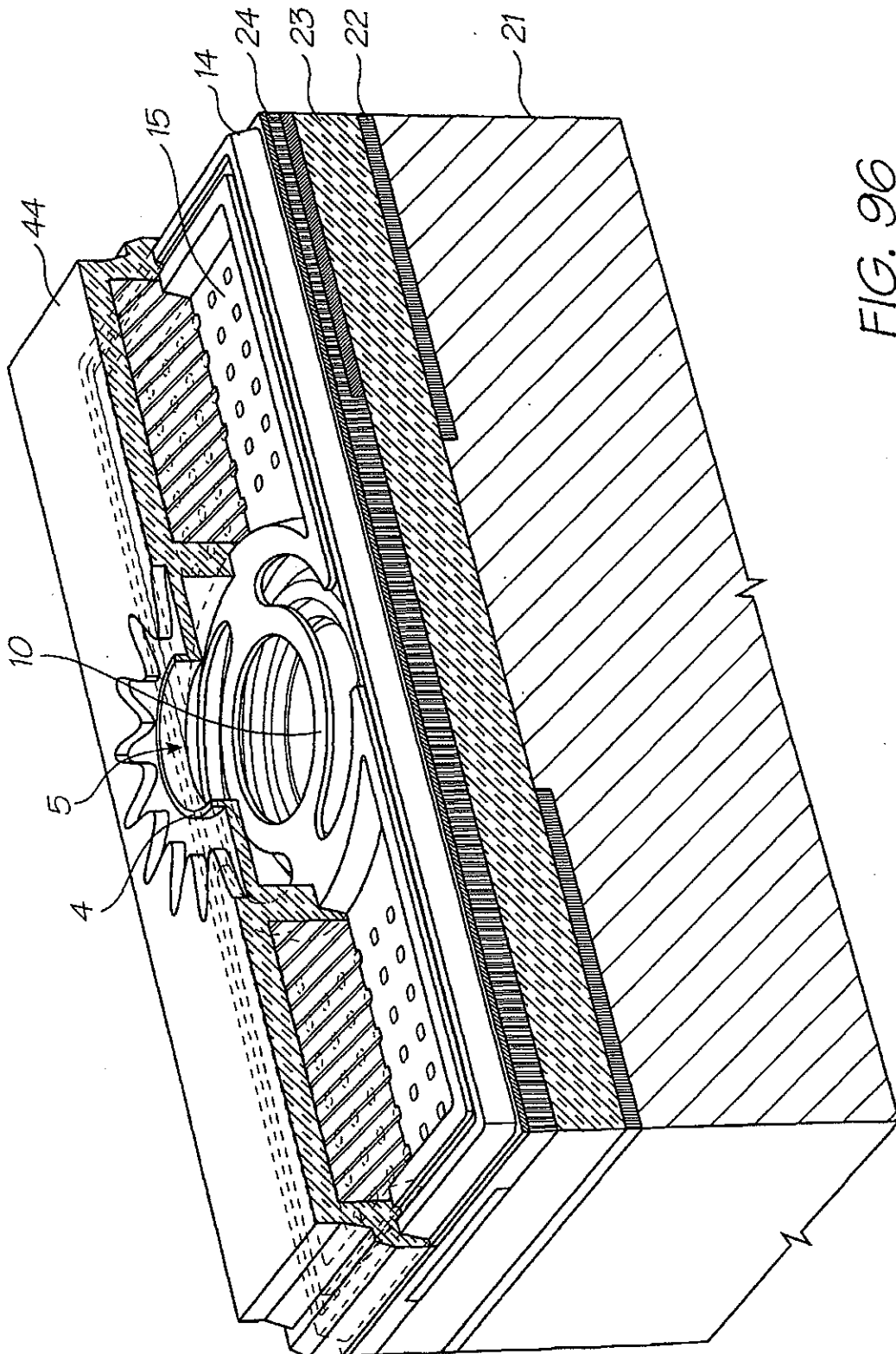


FIG. 96

70/72

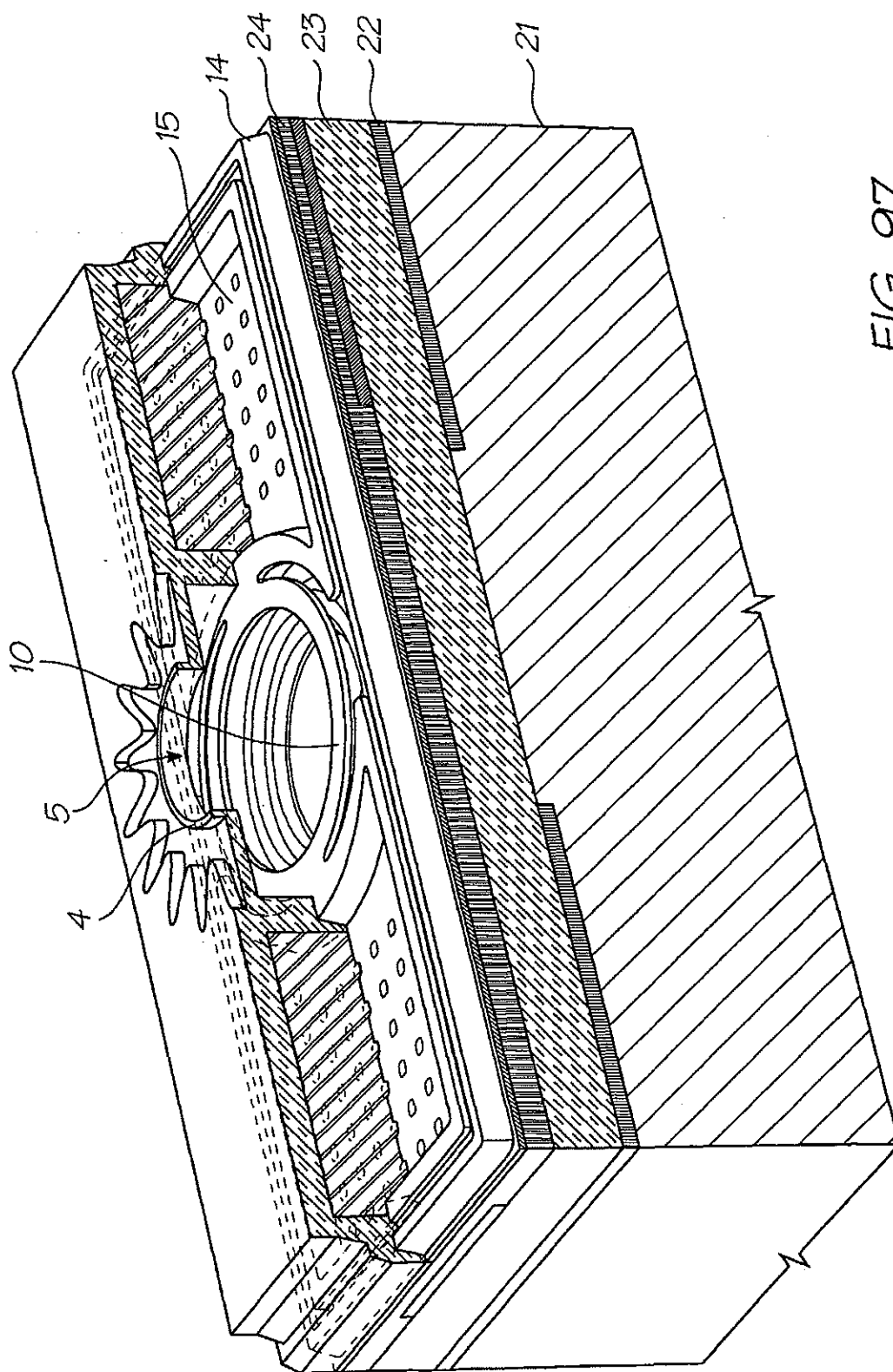


FIG. 97

71/72

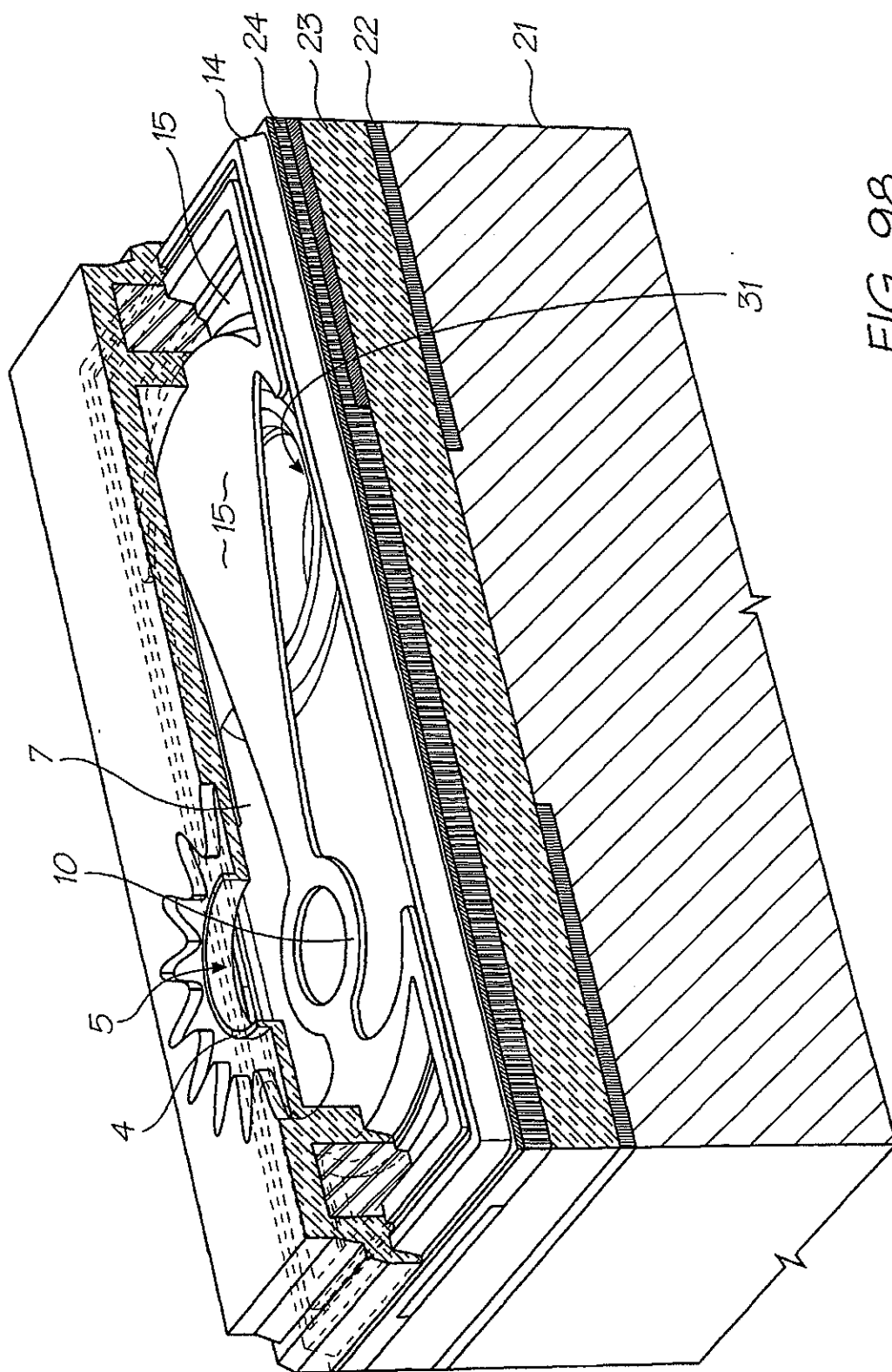


FIG. 98

72/72

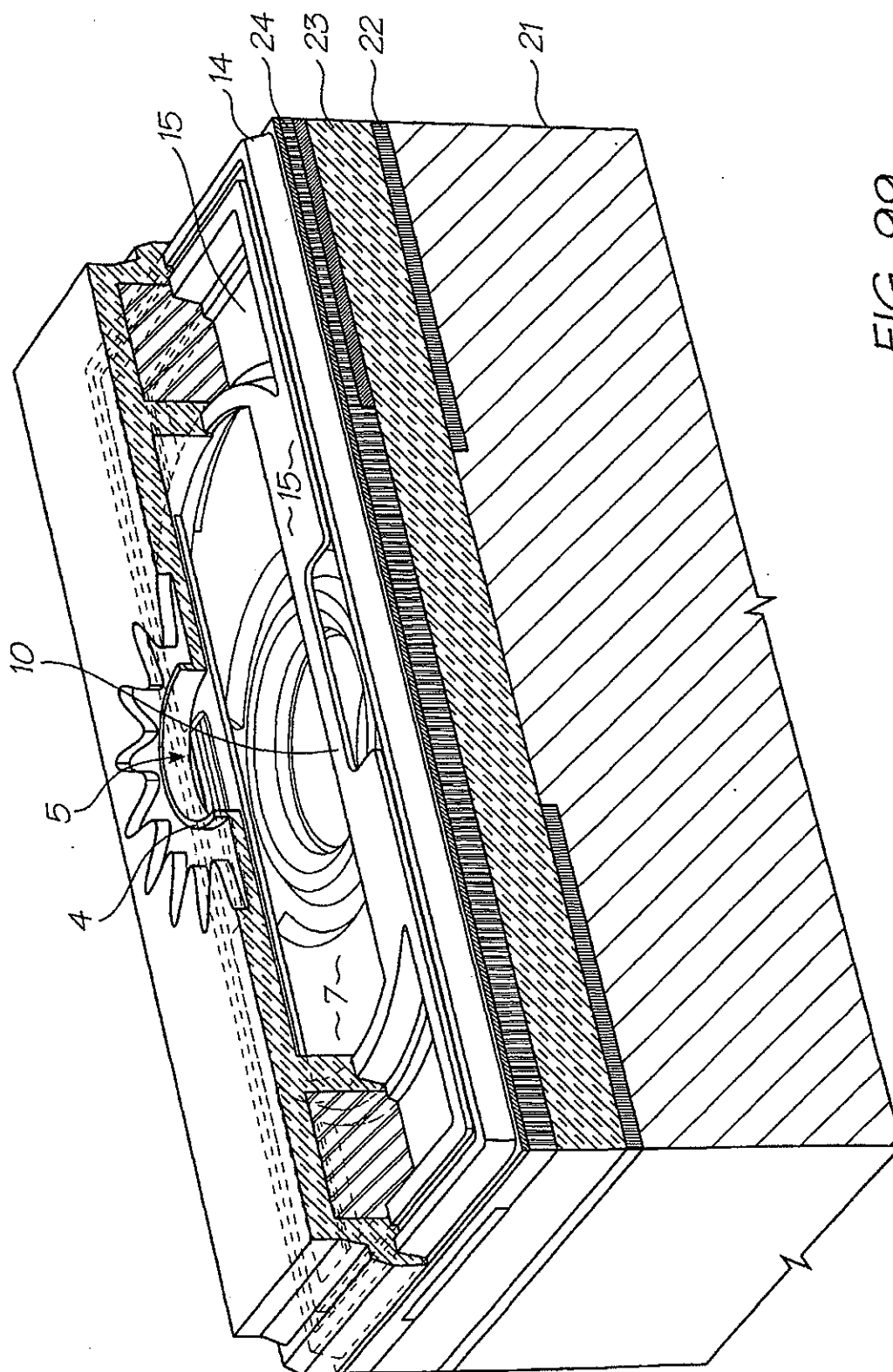


FIG. 99