

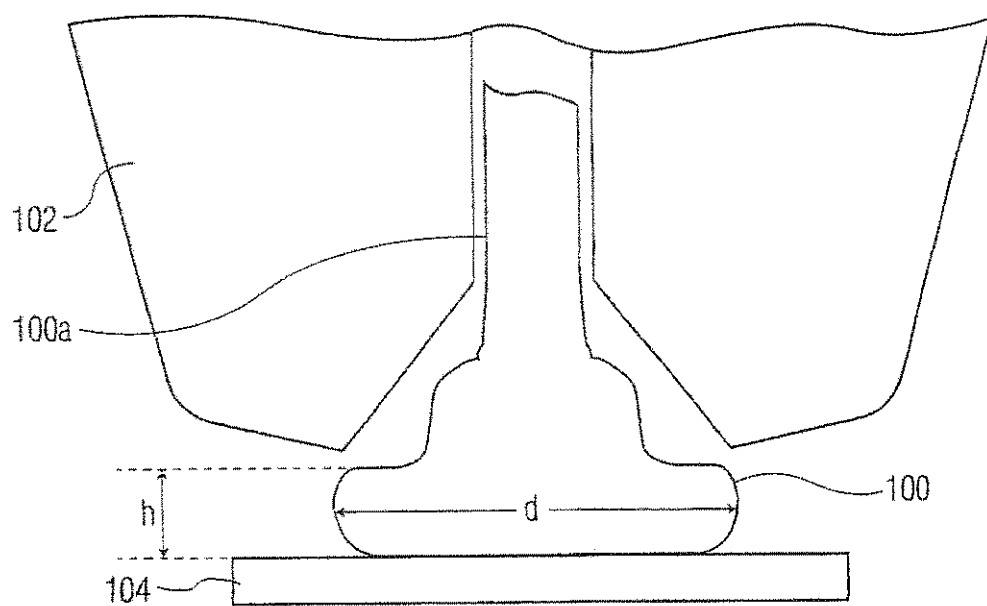


FIG. 1A

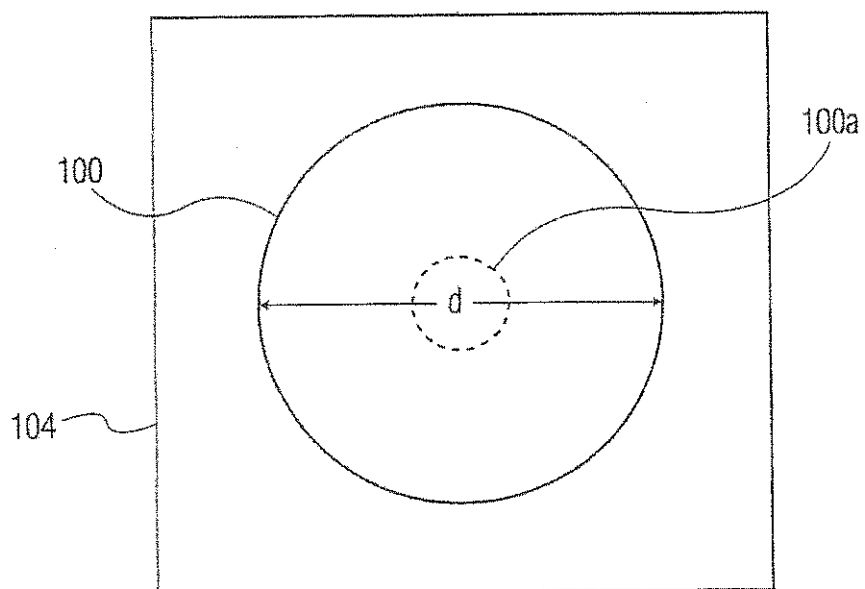


FIG. 1B

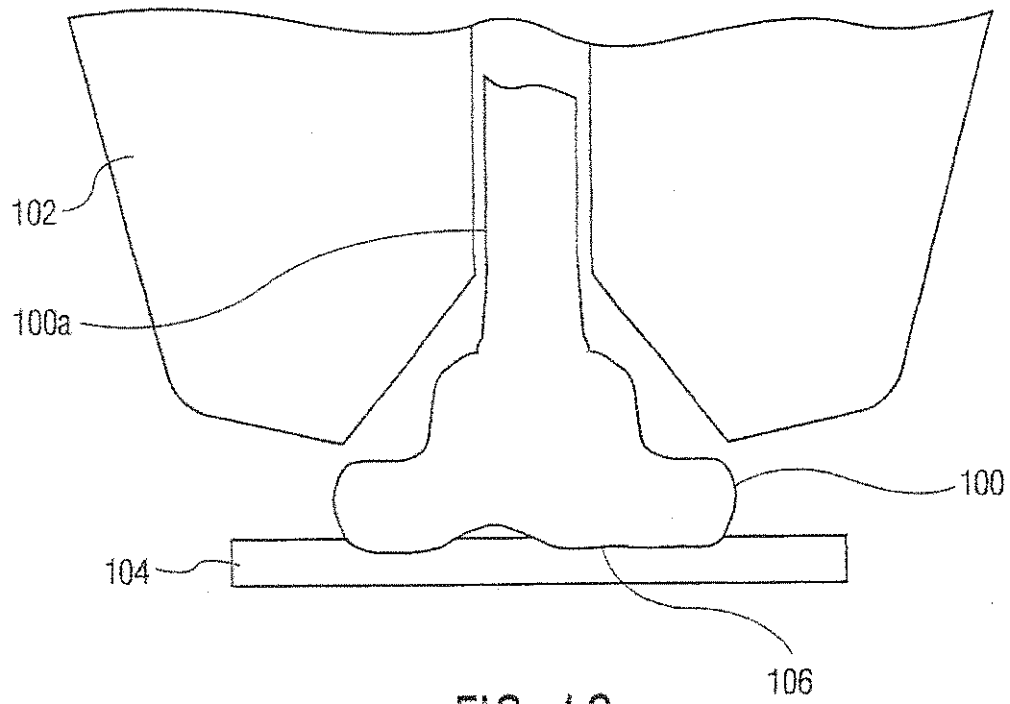


FIG. 1C

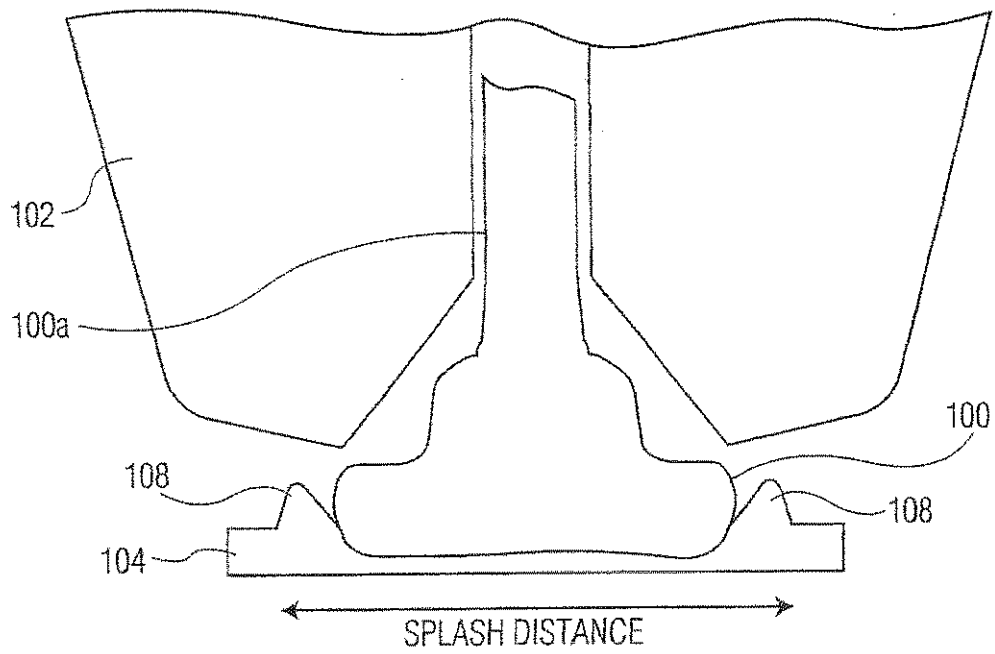


FIG. 1D

SELECT ONE OR MORE TARGET BONDING CONTROL VALUES

☒ BONDED BALL DIAMETER 40 MICRONS

☐ BONDED BALL SHEAR STRENGTH grams/mil²

FIG. 2A

ADJUST THE APPROPRIATE BONDING ADJUSTMENT VALUE(S)

☐ BONDED BALL SHEAR STRENGTH ADJUSTMENT

☒ BONDED BALL DIAMETER ADJUSTMENT

☐ BONDED BALL HEIGHT ADJUSTMENT

☐ INTERMETALLIC PROFILE ADJUSTMENT

☐ BOND PAD SPLASH ADJUSTMENT

FIG. 2B

ADJUST THE APPROPRIATE BONDING ADJUSTMENT VALUE(S)

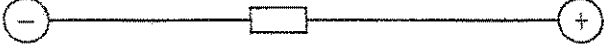
☐	BONDED BALL SHEAR STRENGTH ADJUSTMENT	
☒	BONDED BALL DIAMETER ADJUSTMENT	
☐	BONDED BALL HEIGHT ADJUSTMENT	
☐	INTERMETALLIC PROFILE ADJUSTMENT	
☐	BOND PAD SPLASH ADJUSTMENT	

FIG. 2C

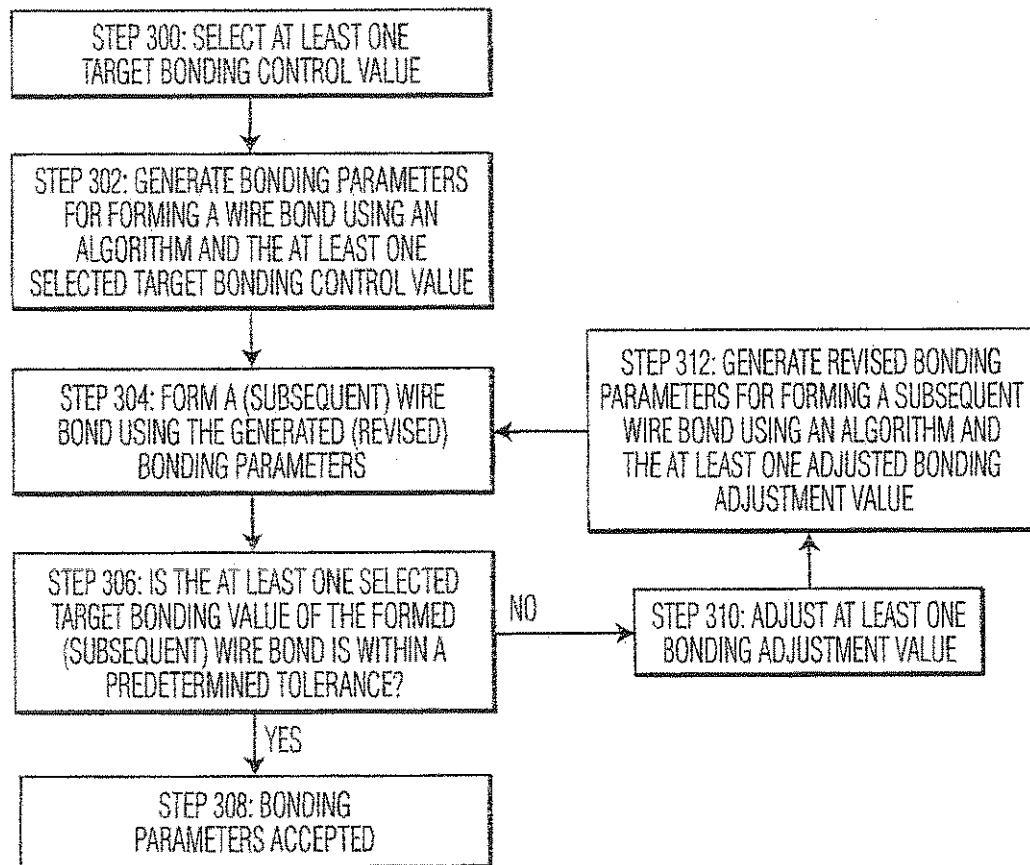


FIG. 3

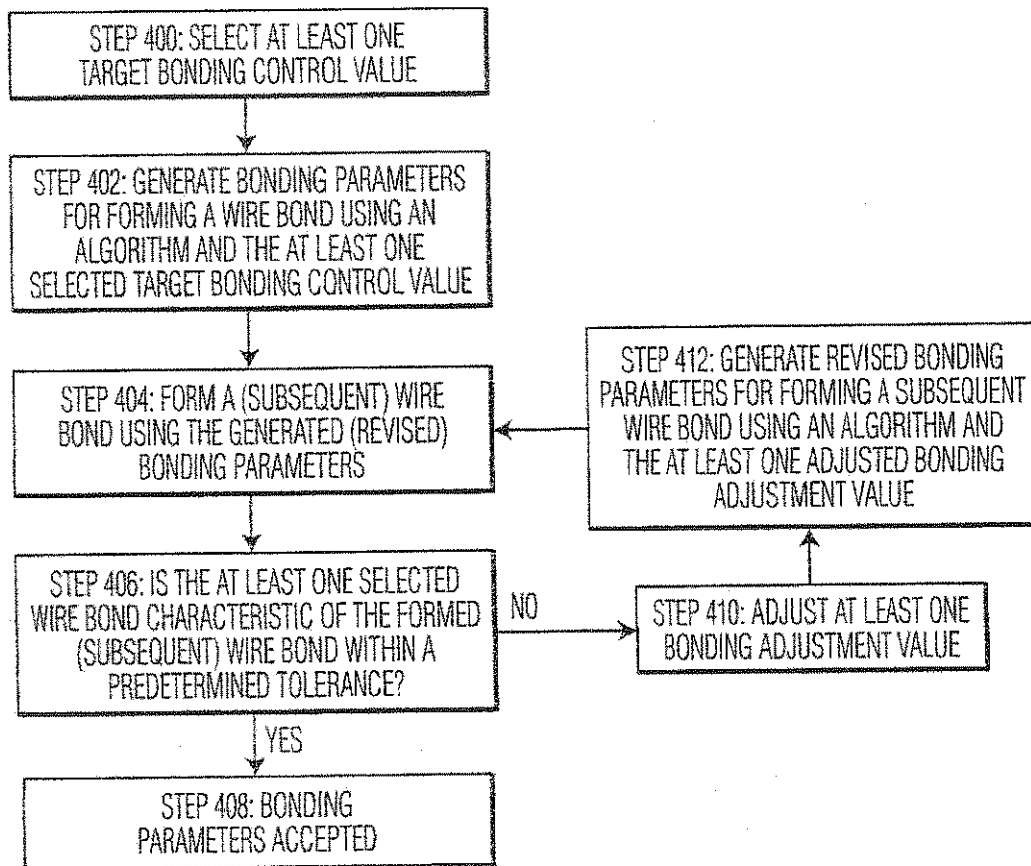


FIG. 4

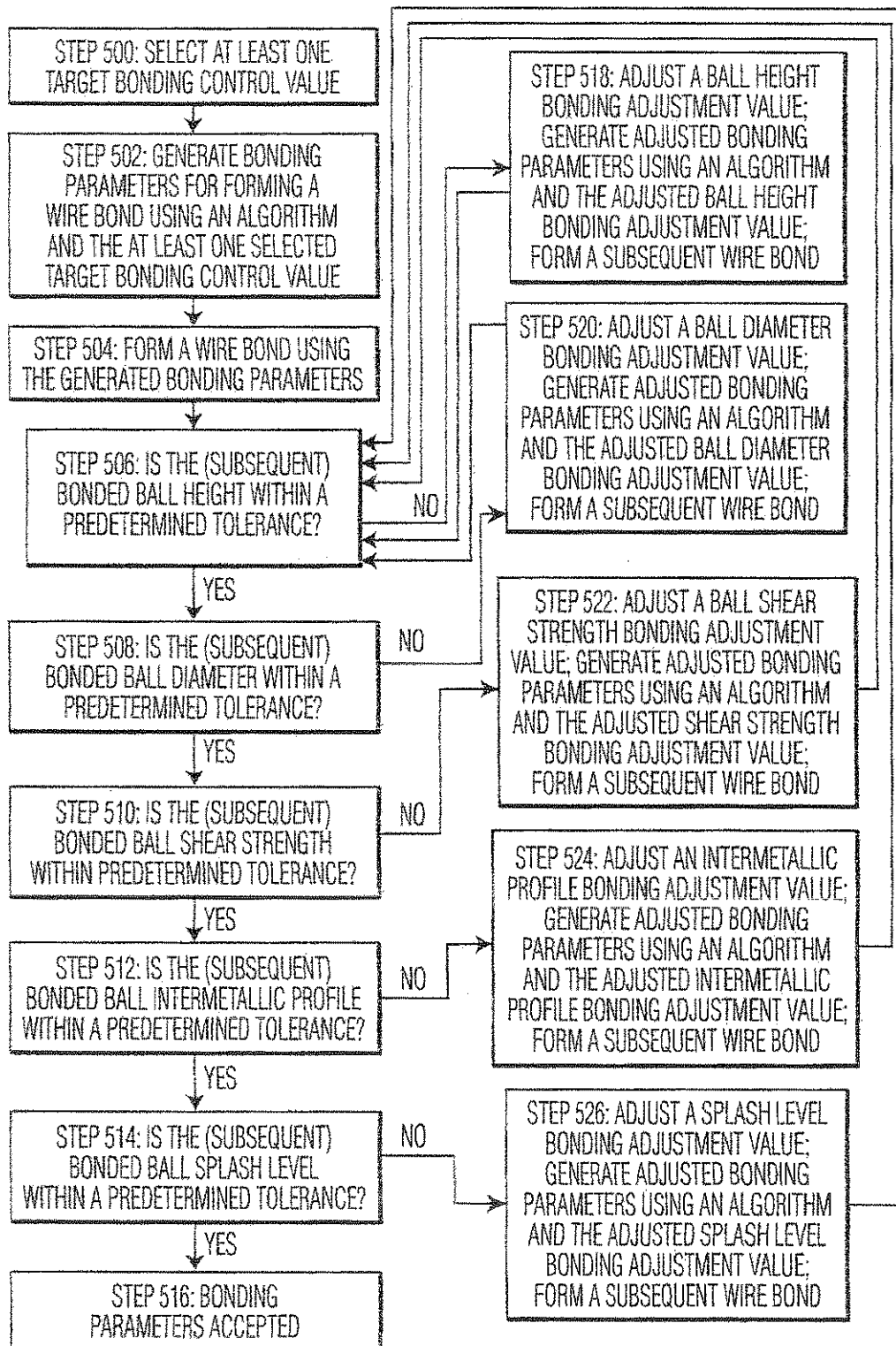


FIG. 5