

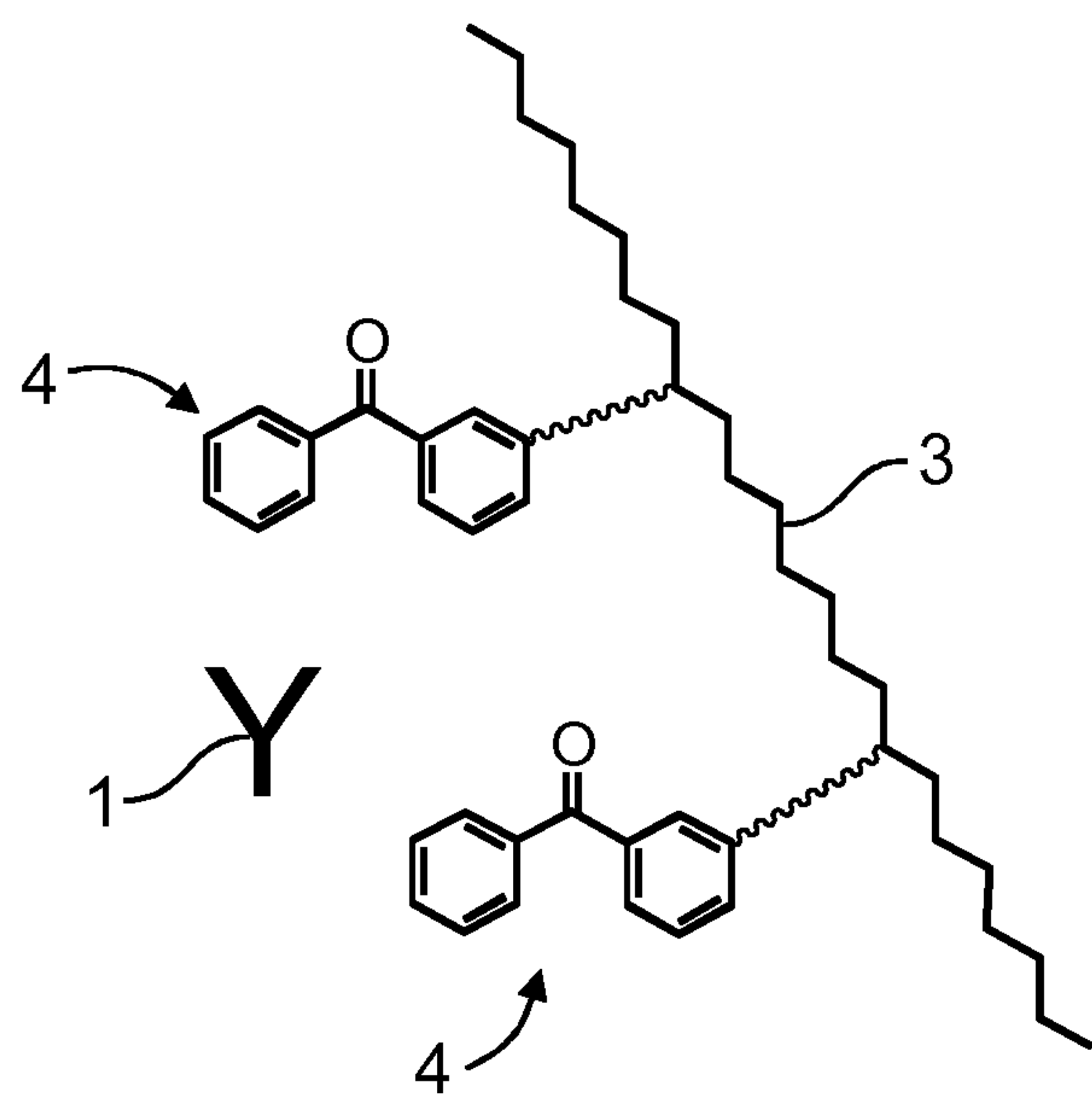


Fig.1

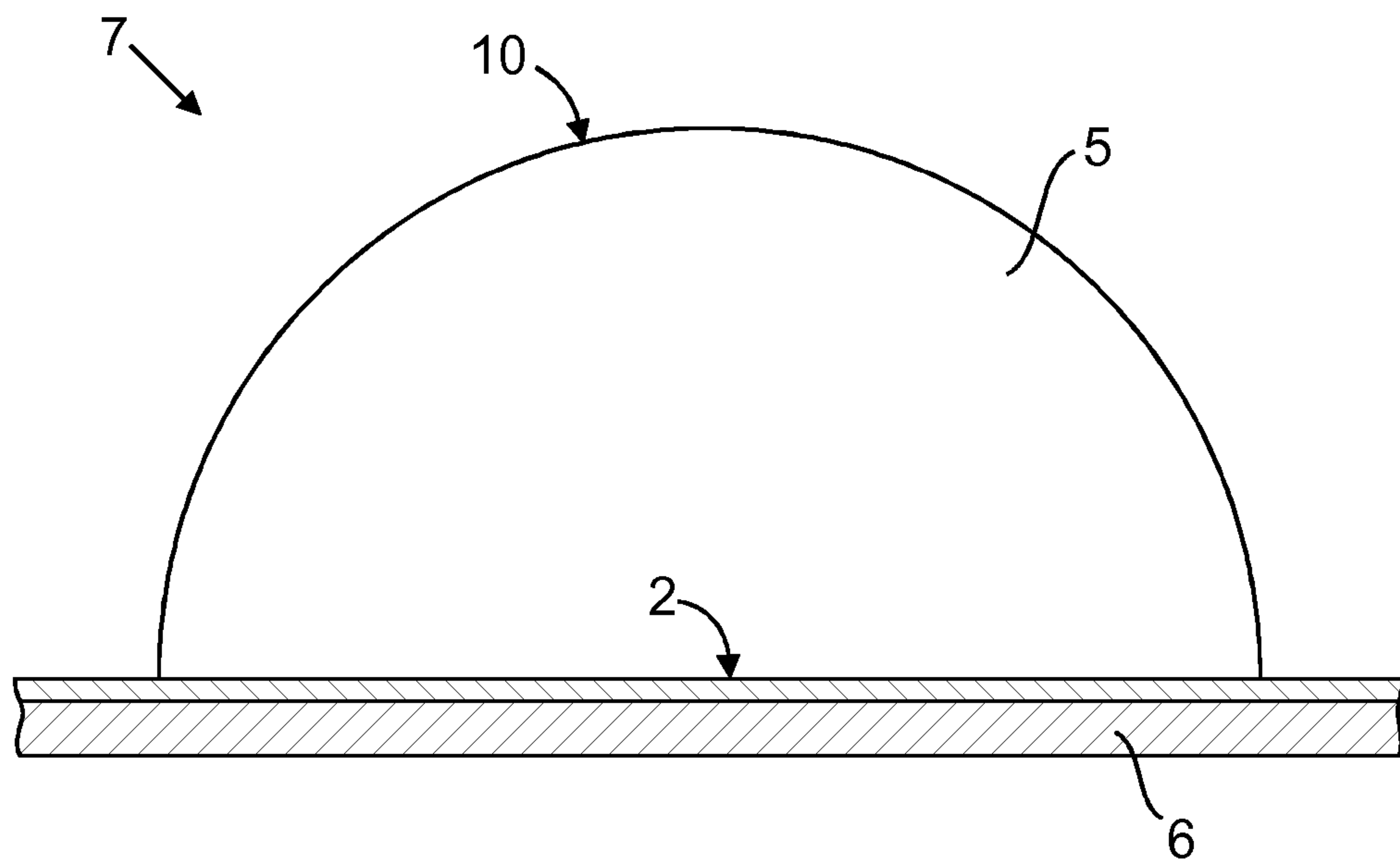


Fig.2

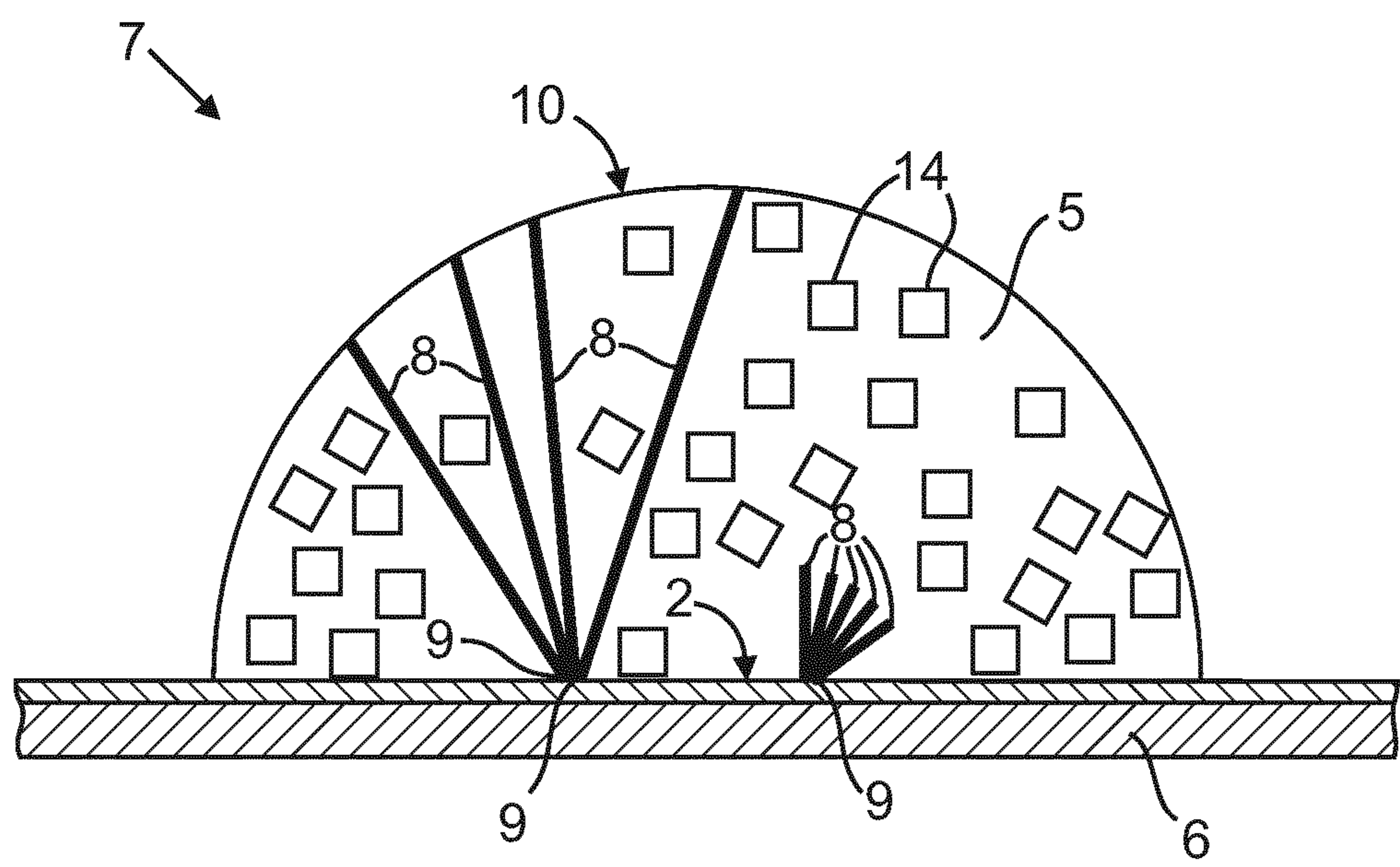


Fig. 3

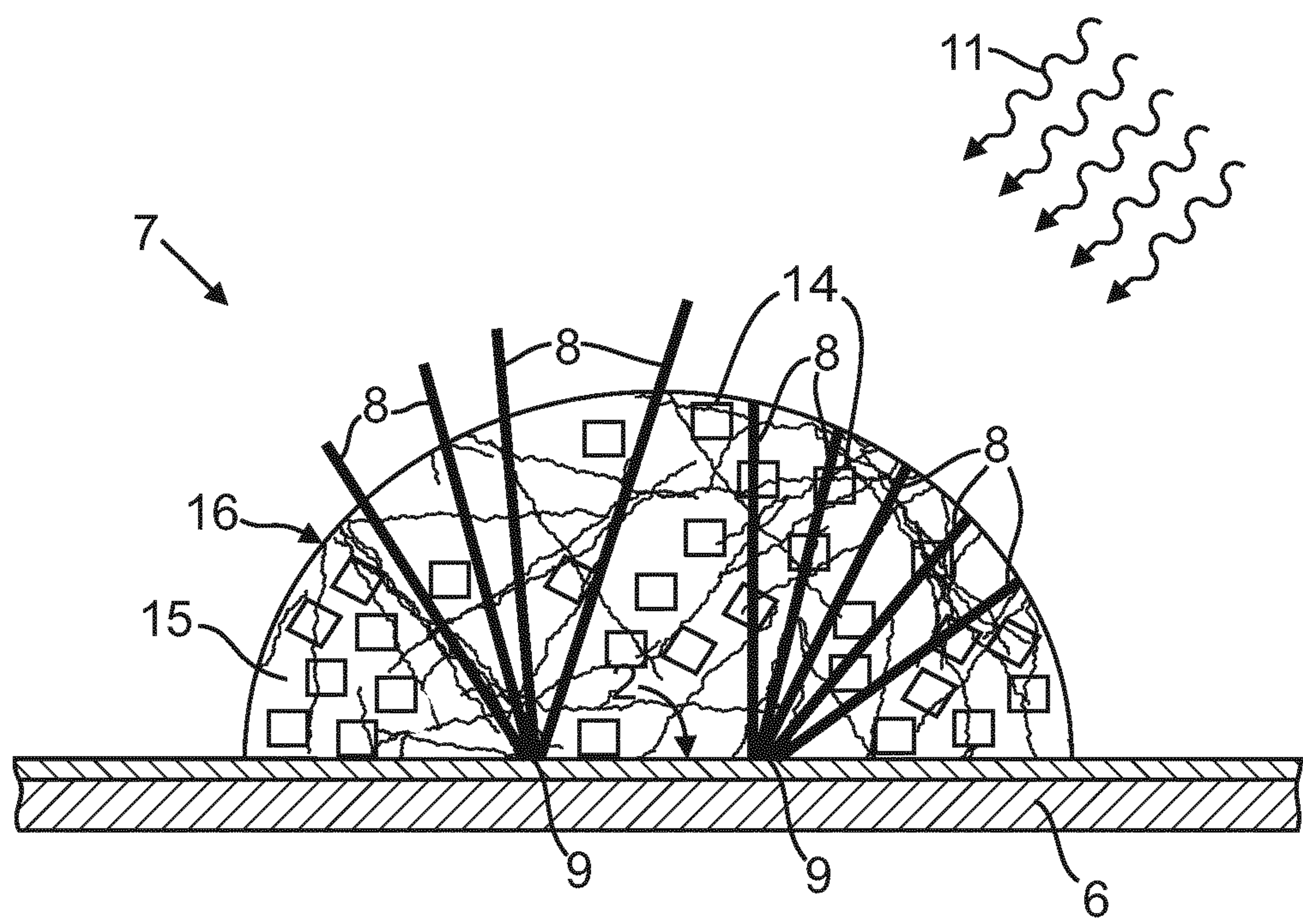


Fig. 4

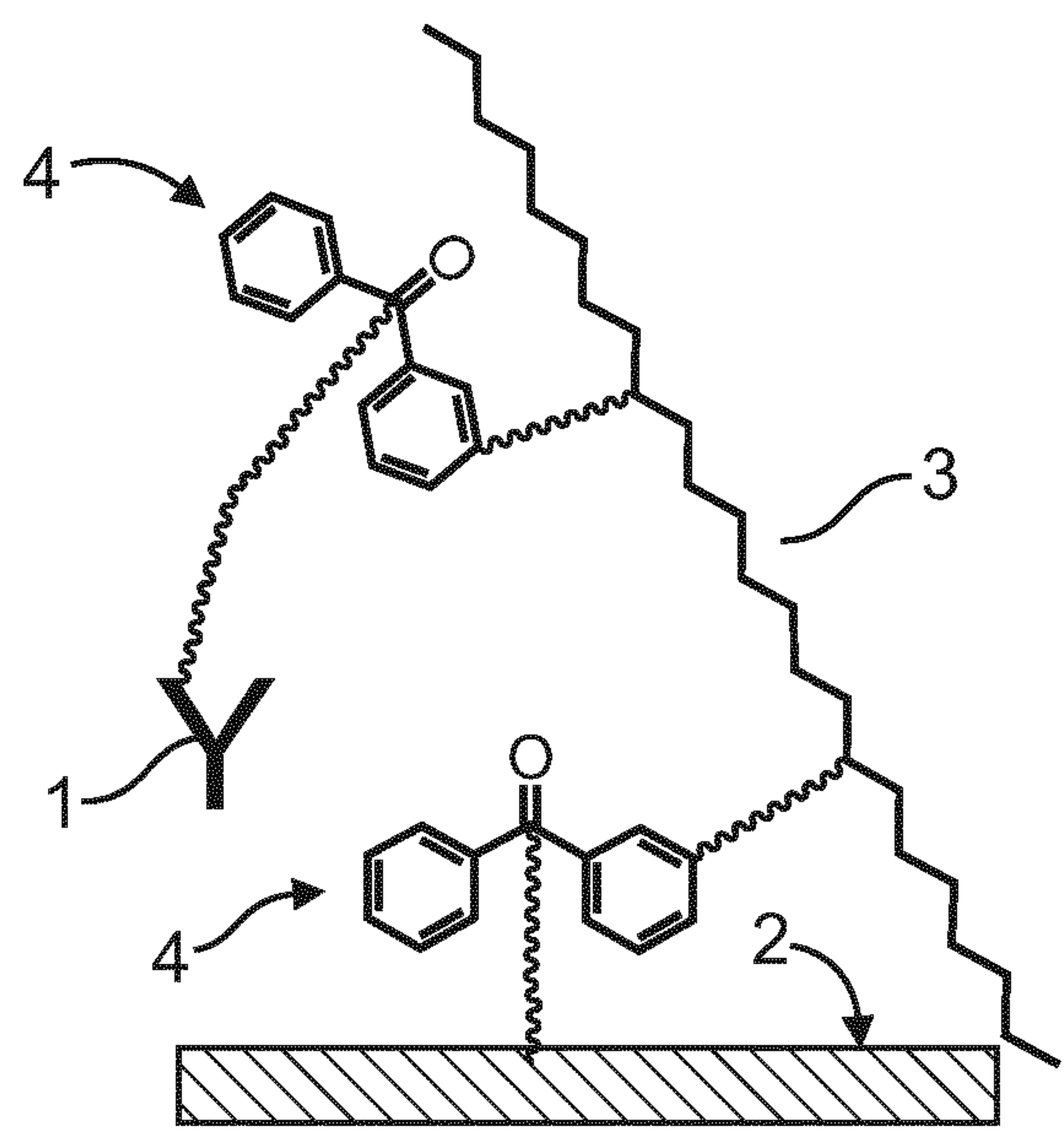


Fig. 5

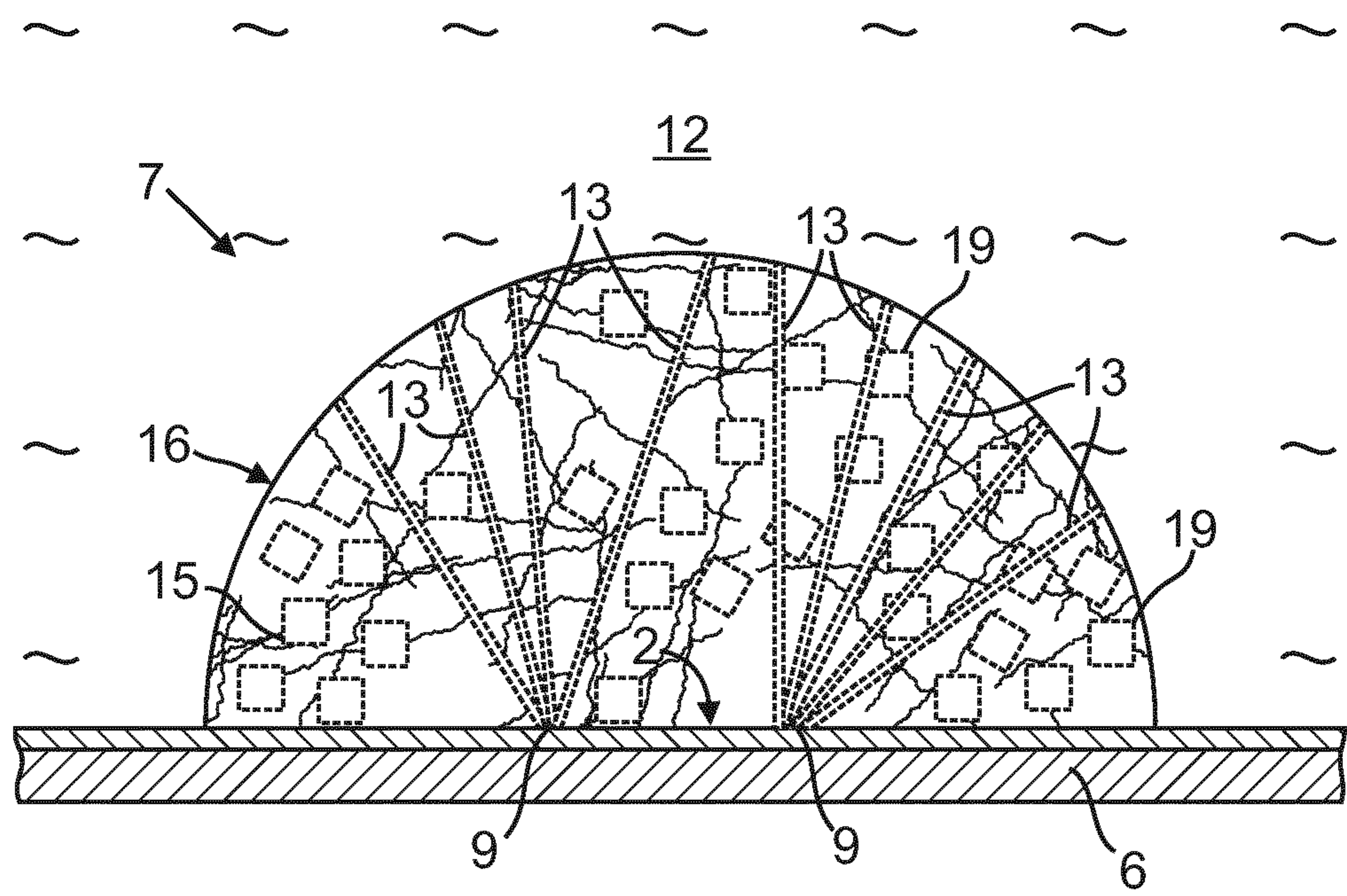


Fig. 6

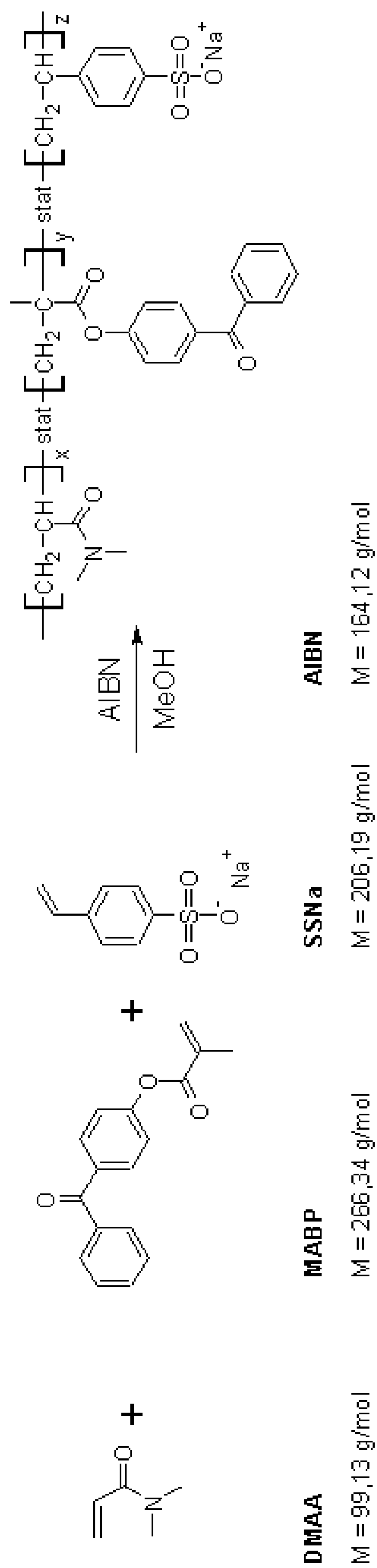


Fig. 7

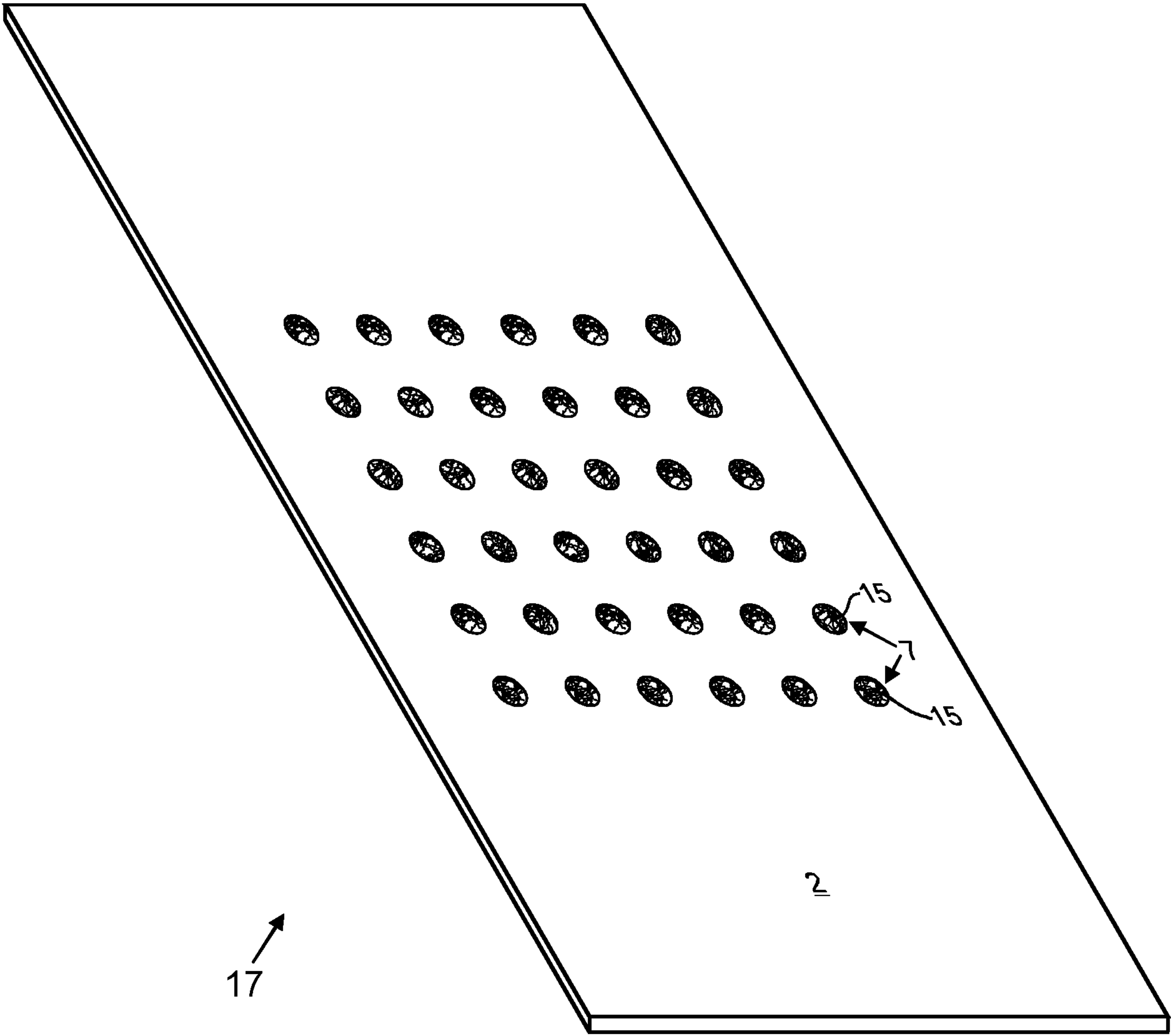
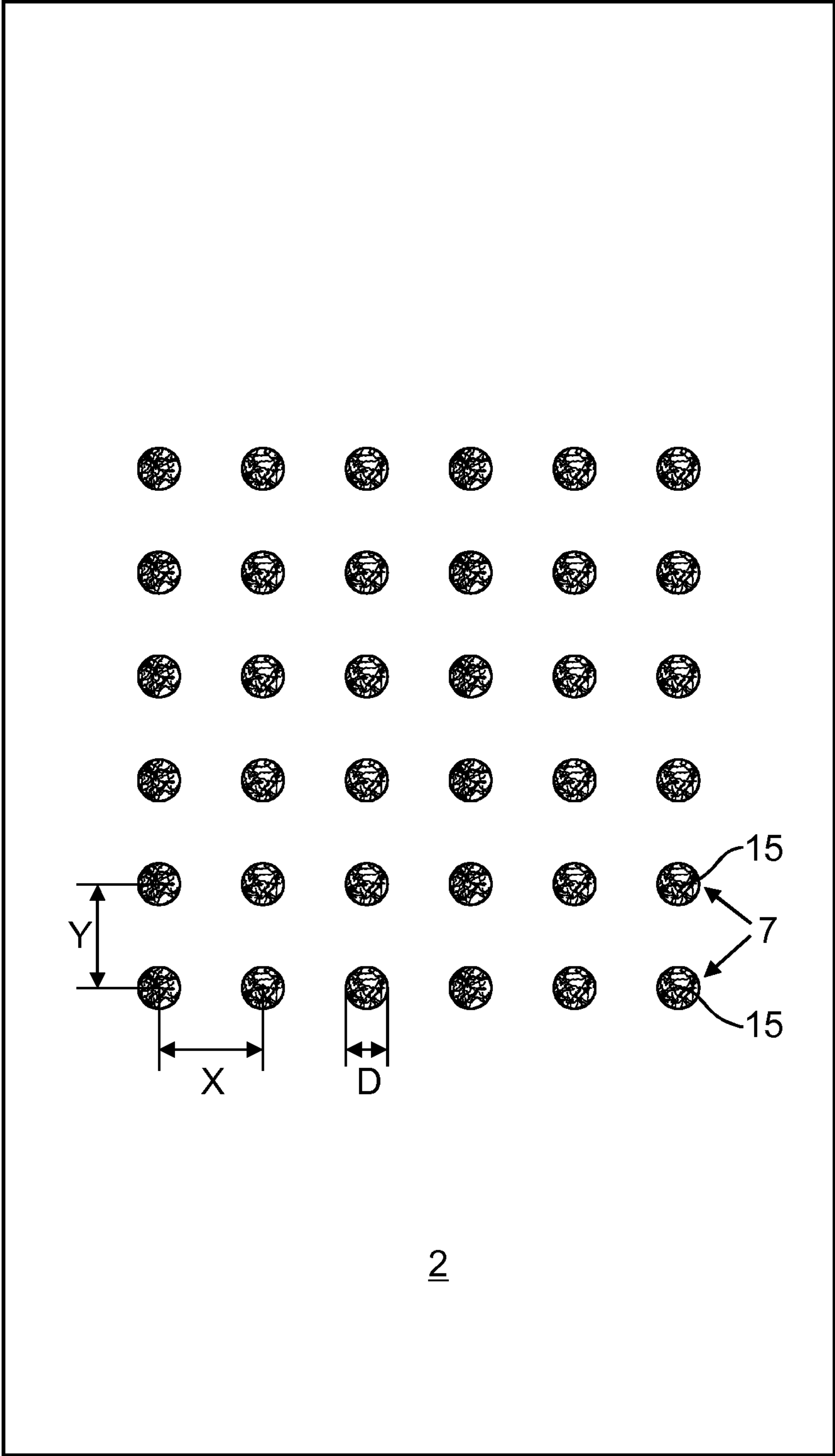


Fig.8



17 ↗

Fig.9

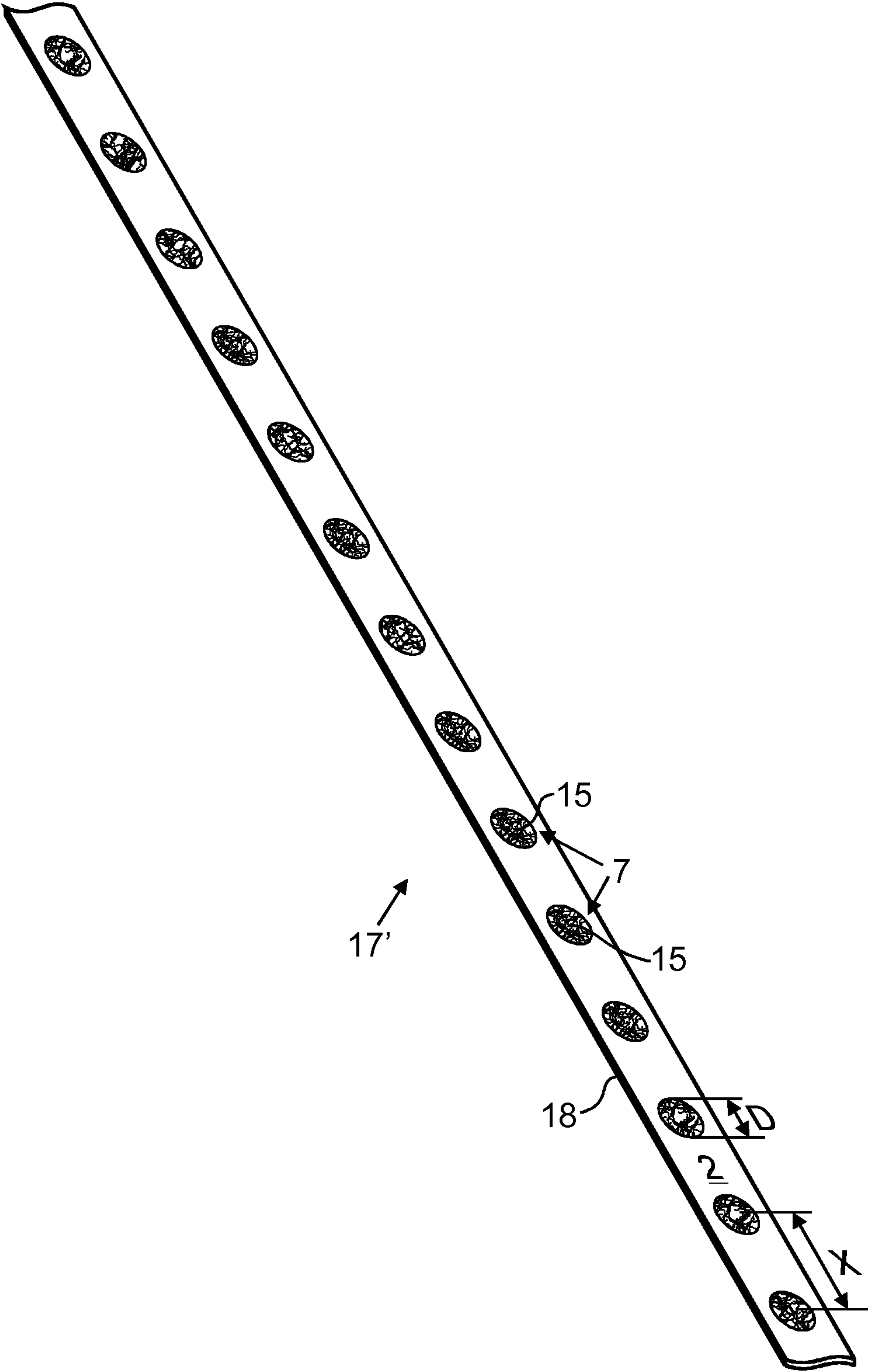


Fig.10

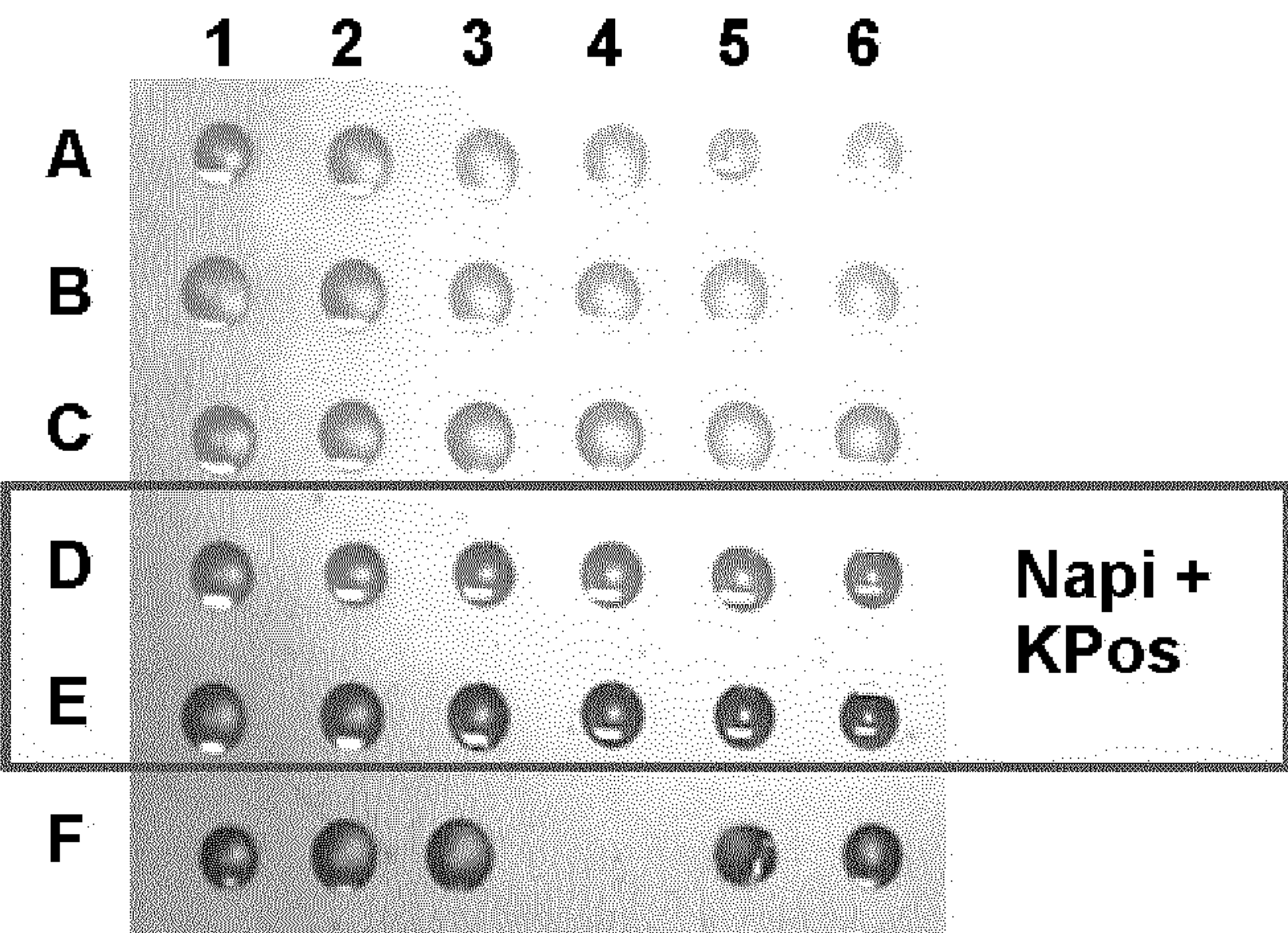


Fig.11A

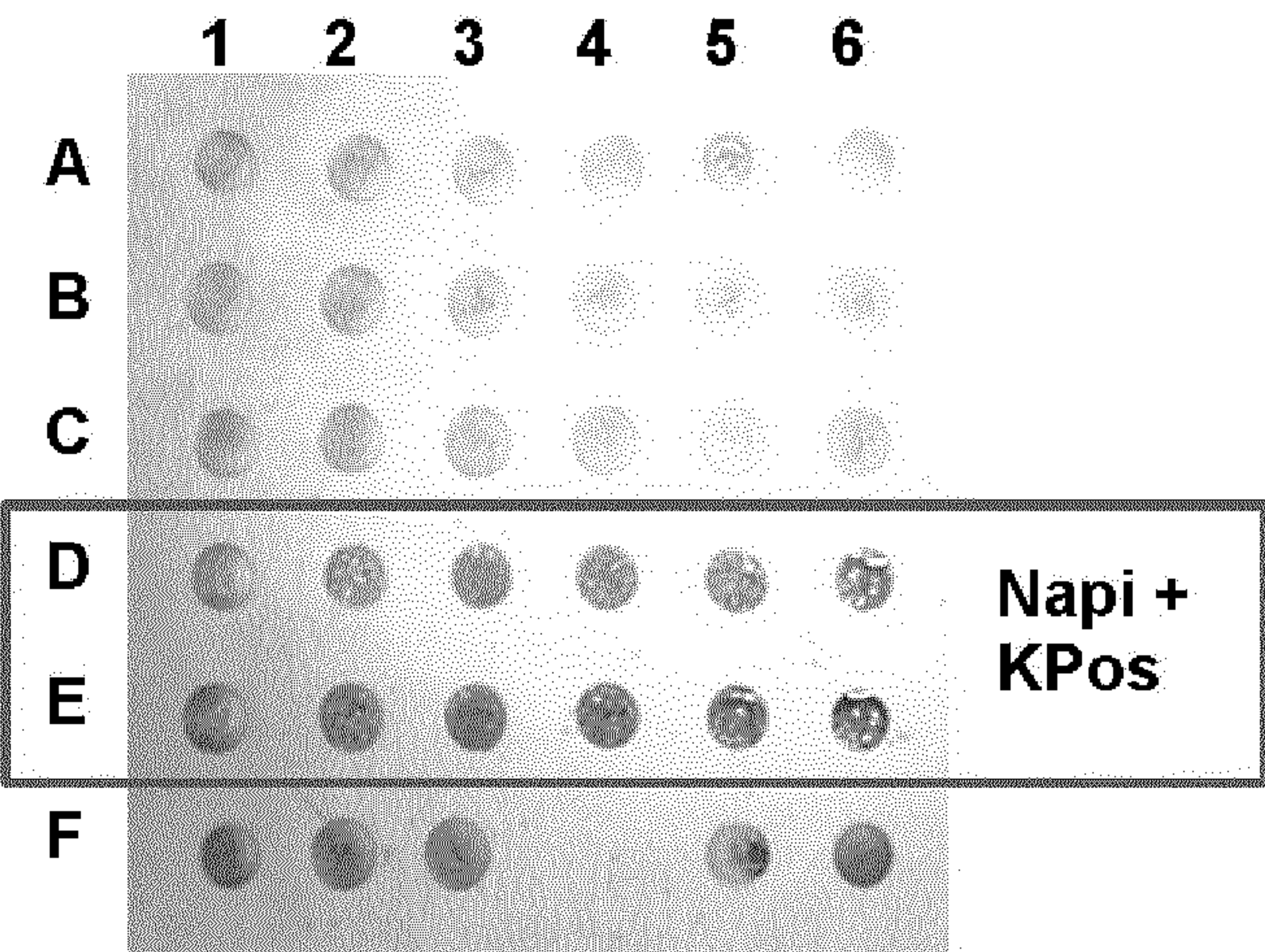


Fig.11B

Spot No	Name	Final Napi	Final KPos.
D1, E1	NaPi + Kpos 1	350 mM	50 mM
D2, E2	NaPi + Kpos 2	350 mM	100 mM
D3, E3	NaPi + Kpos 3	350 mM	150 mM
D4, E4	NaPi + Kpos 4	350 mM	200 mM
D5, E5	NaPi + Kpos 5	350 mM	250 mM
D6, E6	NaPi + Kpos 6	350 mM	300 mM

Fig.11C

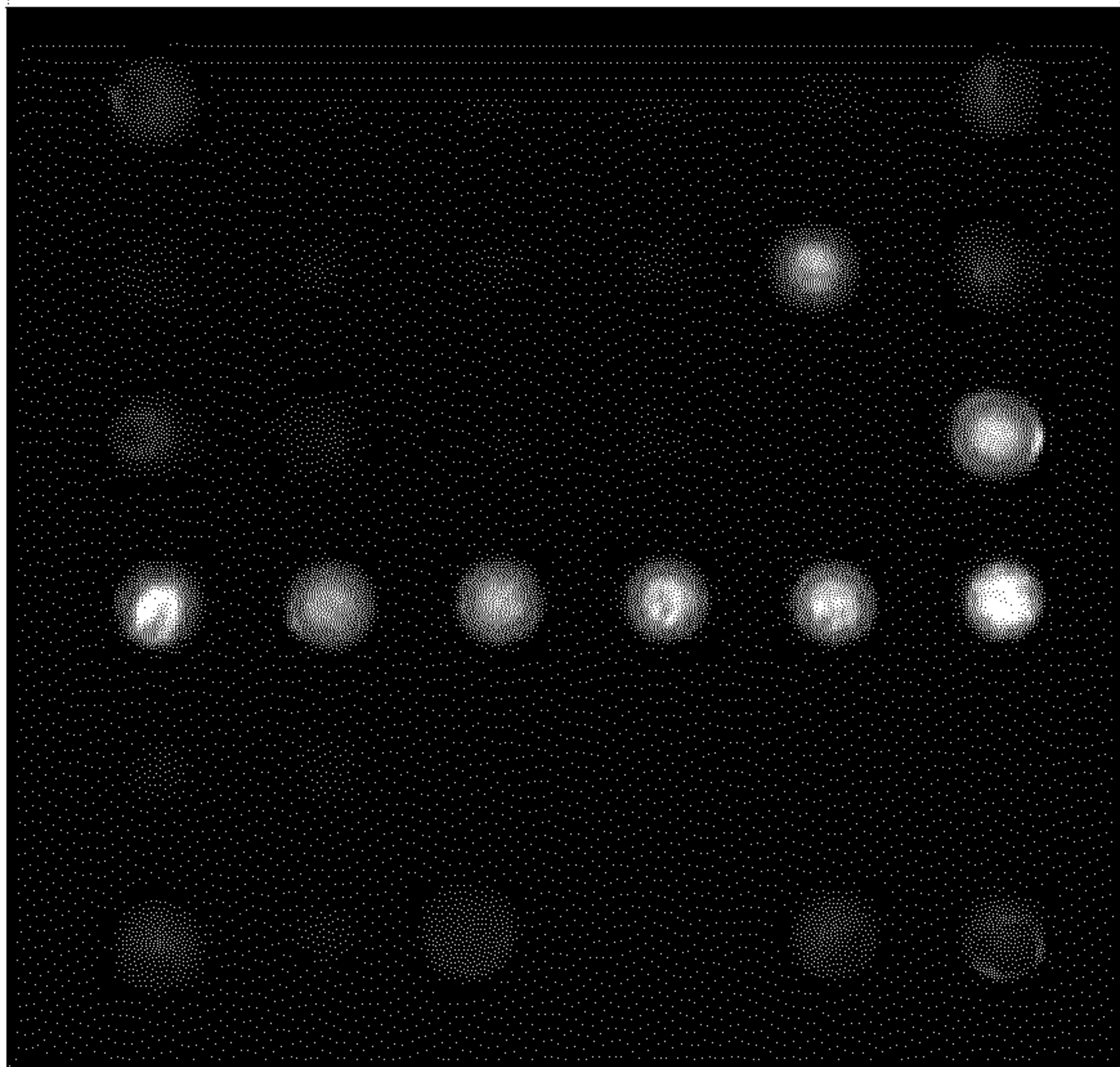


Fig. 12A

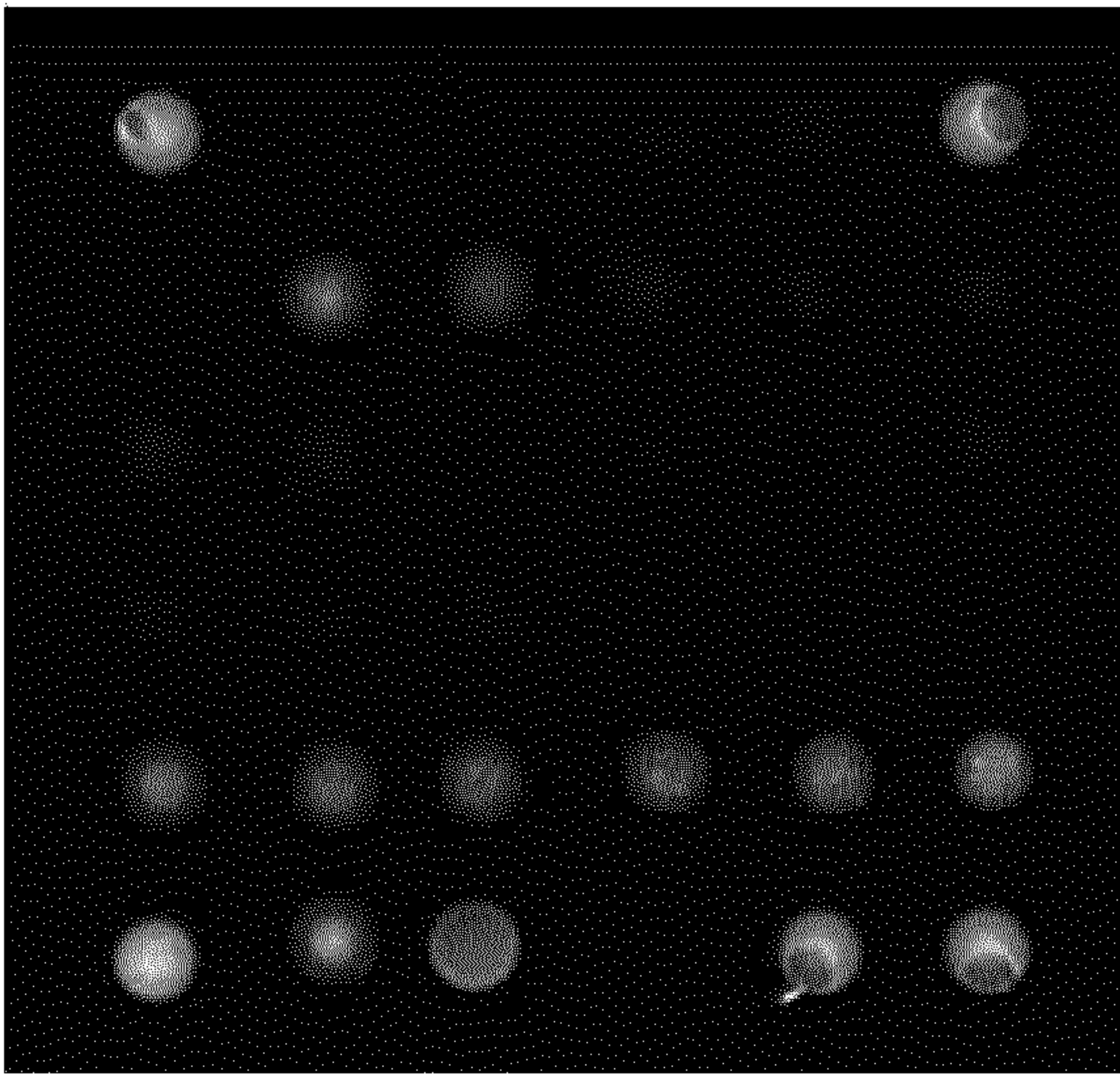


Fig. 12B

	1	2	3	4	5	6
A	LL					LL
B		<i>Salmonella</i>	<i>Salmonella</i>		All staph	
C						<i>S. aureus</i>
D	<i>S. aureus</i>	<i>S. aureus</i>	<i>S. aureus</i>	<i>S. aureus</i>	<i>S. aureus</i>	<i>S. aureus</i>
E	<i>E. coli</i>	<i>E. coli</i>	<i>E. coli</i>	<i>E. coli</i>	<i>E. coli</i>	<i>E. coli</i>
F	LL	<i>E. coli</i>	PCR control		LL	LL

Fig. 12C

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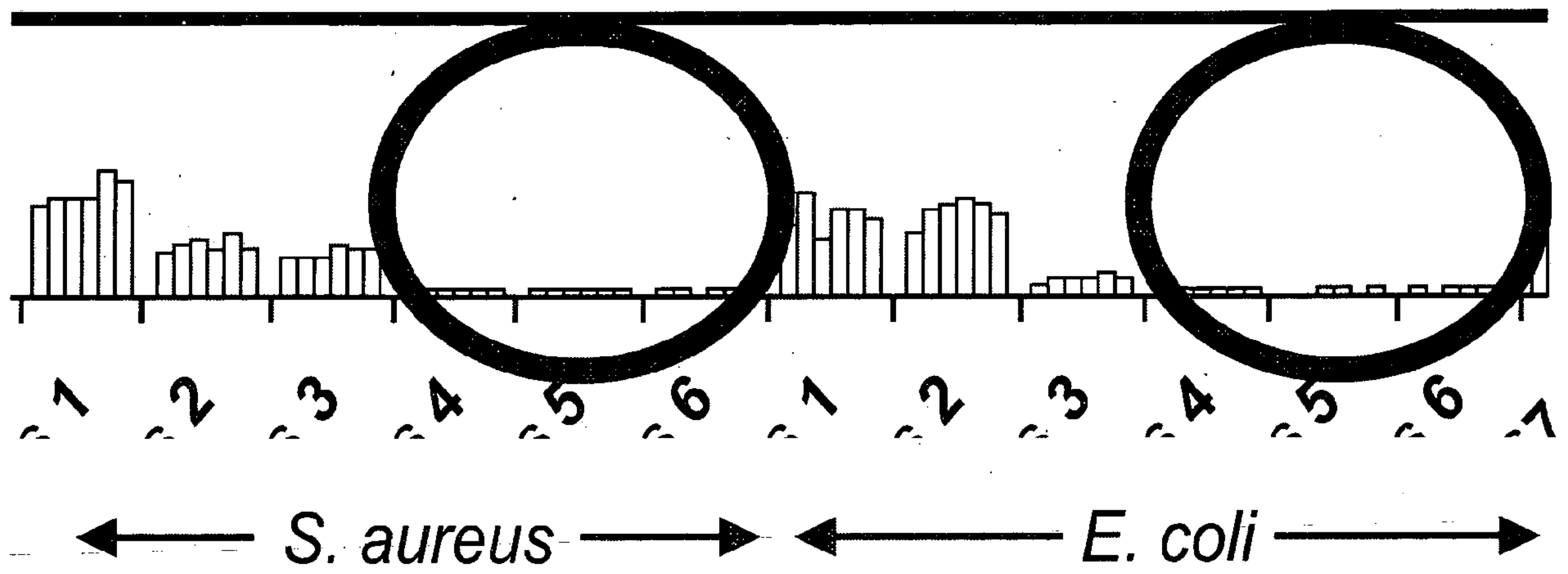


Fig. 13