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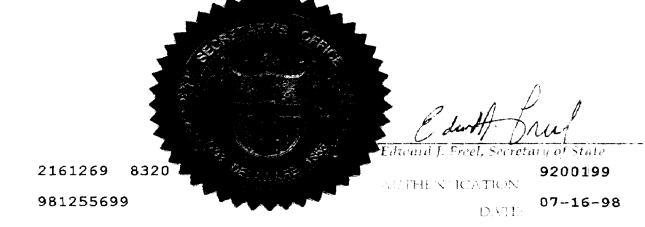
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Address (line 3) P. O. Box 5840		
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Lawrence L. Limpus	Jaurence in sein has	2 NOVEMBER 1999
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PATENT REEL: 010385 FRAME: 0532

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE SAID "MALLINCKRODT MEDICAL, INC.", FILED A CERTIFICATE OF AMENDMENT, CHANGING ITS NAME TO "MALLINCKRODT INC.", THE FIFTEENTH DAY OF JUNE, A.D. 1998, AT 9 O'CLOCK A.M.



PATENT RECORDED: 11/05/1999 REEL: 010385 FRAME: 0533