

AccessionIndex: TCD-SCSS-T.20121208.010

Accession Date: 8-Dec-2012

Accession By: Prof.J.G.Byrne

Object name: Plus 509 Adder

Vintage: c.195x

Synopsis: Quinary mechanical adding machine with 'half keyboard'.

Description:

A quinary mechanical adding machine, with 9-digit addend and 10-digit total, with 'half keyboard' that has only 5 keys per digit, '1' to '5' (larger numbers need two additions, e.g. $777 = 555 + 222$), made by Bell Punch Co. Ltd. in Britain, distributed by Sumlock Ltd, both owned by Control Systems Ltd. This 'plus adder' was used by the Totalizer Board in Ireland to work out dividends from betting at horse races.

The homepage for this catalog is at: <https://www.scss.tcd.ie/SCSSTreasuresCatalog/>
 Click '*Accession Index*' (1st column listed) for related folder, or '*About*' for further guidance. Some of the items below may be more properly part of other categories of this catalog, but are listed here for convenience.

Accession Index	Object and Identification
TCD-SCSS-T.20121208.010	Plus 509 Adder, Quinary mechanical adding machine with 'half keyboard', c.195x. S/N: 509/LD/885651.
TCD-SCSS-T.20121208.001	Lightning Calculator, 7-digit decimal mechanical adding machine with rotary input dials, c.1908.
TCD-SCSS-T.20121208.002	Brunsviga Adding Machine, Decimal pin-wheel mechanical adder/subtractor (pincalculator), c.1913. S/N: 6214, Markings: <i>AGS No.50</i>
TCD-SCSS-T.20121208.003	Master Adding Machine, 9-digit decimal mechanical adding machine, c.192x.
TCD-SCSS-T.20121208.004	Brunsviga 13RK Adding Machine, Decimal pin-wheel mechanical adding machine (pincalculator) , c.195x.
TCD-SCSS-T.20121208.005	ADDO Model 9 Sterling Calculator, 8-digit mechanical £-s-d (Sterling) adder/subtractor, c.1927.
TCD-SCSS-T.20121208.006	R.C.Allen Model 8s Sterling Calculator, 8-digit mechanical £-s-d (Sterling) adder/subtractor, c.193x.
TCD-SCSS-T.20121208.007	Burroughs T890-9 Protectograph, Bank cheque embosser, c.195x.
TCD-SCSS-T.20121208.008	Facit TK Calculator, Hand-cranked 13-digit decimal mechanical calculator. S/N: 202895, c.1936.
TCD-SCSS-T.20121208.009	Facit NEA Calculator, Electrical motor-driven 13-digit decimal mechanical calculator. S/N: 273356, c.1943.
TCD-SCSS-T.20121208.012	MADAS Portable Calculator, Model 20BTZG 10-digit fully-automatic decimal mechanical calculator. S/N: 96236, c.196x.



Figure 1: Plus 509 Adder top view



Figure 2: Plus 509 Adder front view

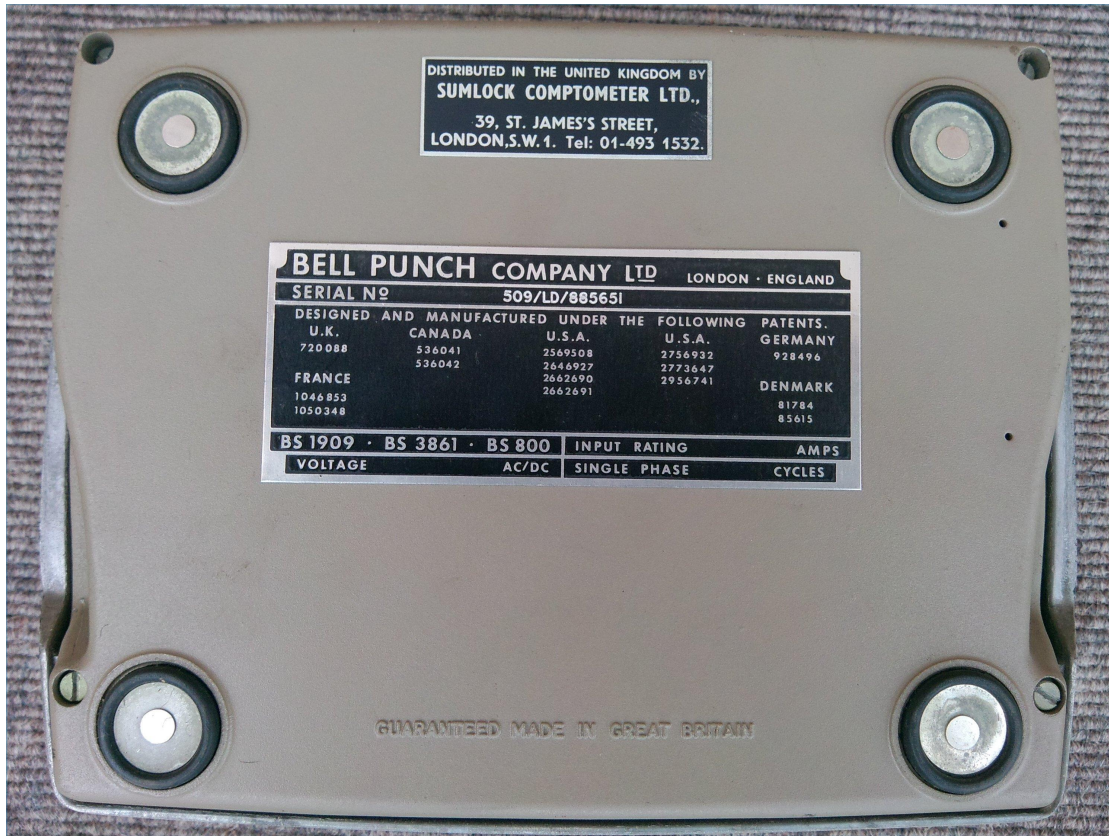


Figure 3: Plus 509 Adder bottom view

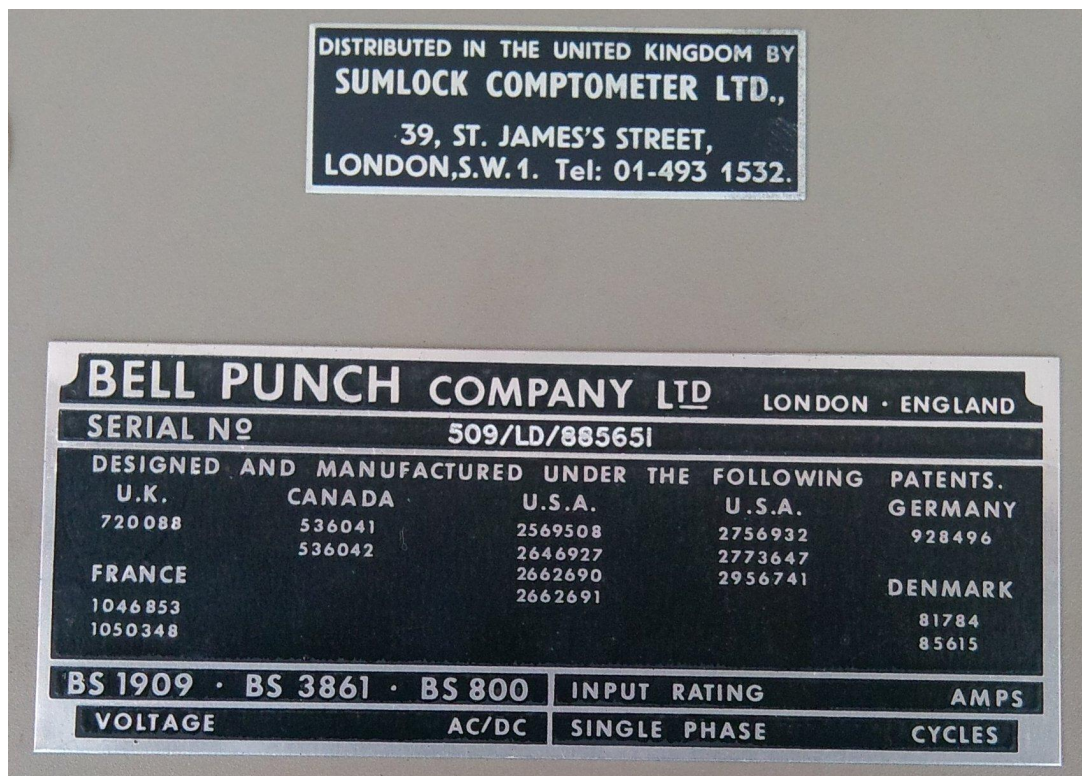


Figure 3: Plus 509 Adder manufacturing labels
S/N: 509/LD/885651

DISTRIBUTED IN THE UNITED KINGDOM BY
SUMLOCK COMPTOMETER LTD.,
 39, ST. JAMES'S STREET,
 LONDON, S.W. 1. Tel: 01-493 1532.

BELL PUNCH COMPANY LTD LONDON · ENGLAND
 SERIAL NO **509/LD/885651**
 DESIGNED AND MANUFACTURED UNDER THE FOLLOWING PATENTS.

U.K.	CANADA	U.S.A.	U.S.A.	GERMANY
720 088	536041	2569508	2756932	928496
	536042	2646927	2773647	
FRANCE		2662690	2956741	DENMARK
1046 853		2662691		81784
1050348				85615

BS 1909 · BS 3861 · BS 800	INPUT RATING	AMPS
VOLTAGE	AC/DC	SINGLE PHASE
		CYCLES

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