

AccessionIndex: TCD-SCSS-T.20121208.002

Accession Date: 8-Dec-2012

Accession By: Prof.A.A. Pakenham-Walsh

Object name: Brunsviga Adding Machine

Vintage: c.1913

Synopsis: Decimal pin-wheel mechanical adder/subtractor (pincalculator).

Description:

A decimal pin-wheel mechanical adder/subtractor machine (pincalculator) with a 9-digit addend, 13-digit total, also likely to include a shift function, allowing the execution of multiplication and division. This is a 'Brunsviga' made by Grimme, Natalis and Company in Brunswick, Germany. It was used by Guinness Brewery, and has 'AGS' (for Arthur Guinness & Sons) scratched on it. Donated by Prof.A.A. Pakenham-Walsh, who worked for Arthur Guinness & Sons before joining Trinity College Dublin.

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.20121208.002	Brunsviga Adding Machine, Decimal pin-wheel mechanical adder/subtractor (pincalculator), c.1913. S/N: 6214, Markings: <i>AGS No.50</i>
TCD-SCSS-T.20121208.001	Lightning Calculator, 7-digit decimal mechanical adding machine with rotary input dials, c.1908.
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.20121208.010	Plus 509 Adder, Quinary mechanical adding machine with 'half keyboard', c.195x.
TCD-SCSS-T.20121208.012	MADAS Portable Calculator, Model 20BTZG 10-digit fully-automatic decimal mechanical calculator. S/N: 96236, c.196x.



Figure 1: Brunsviga Adding Machine front top view

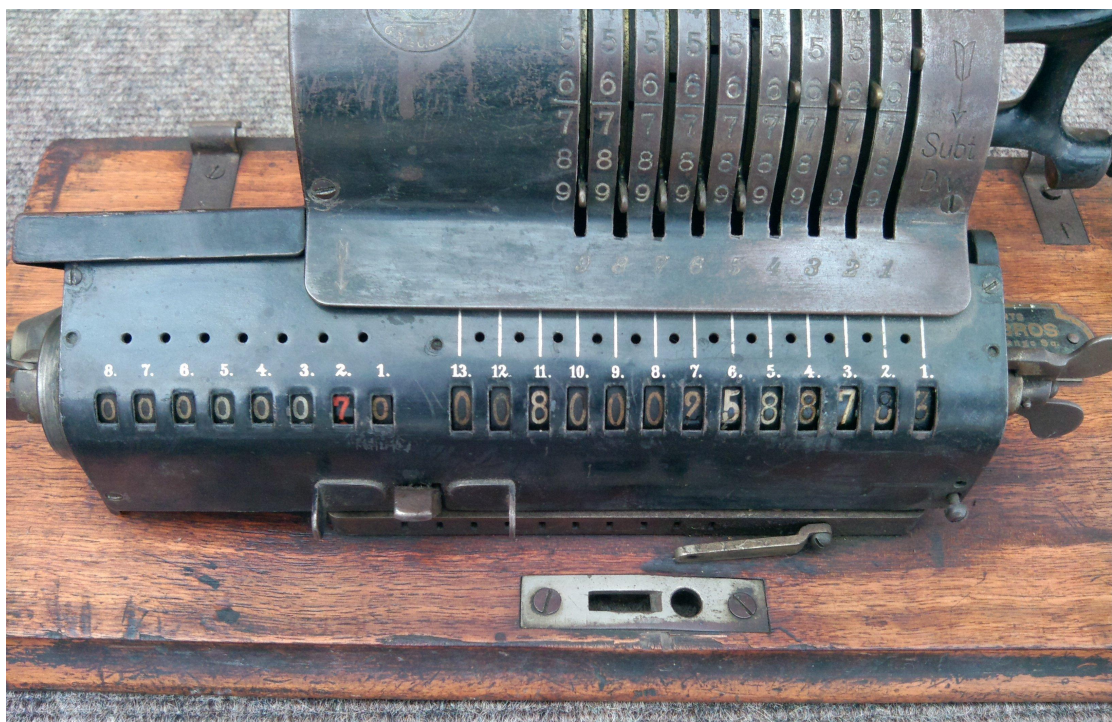
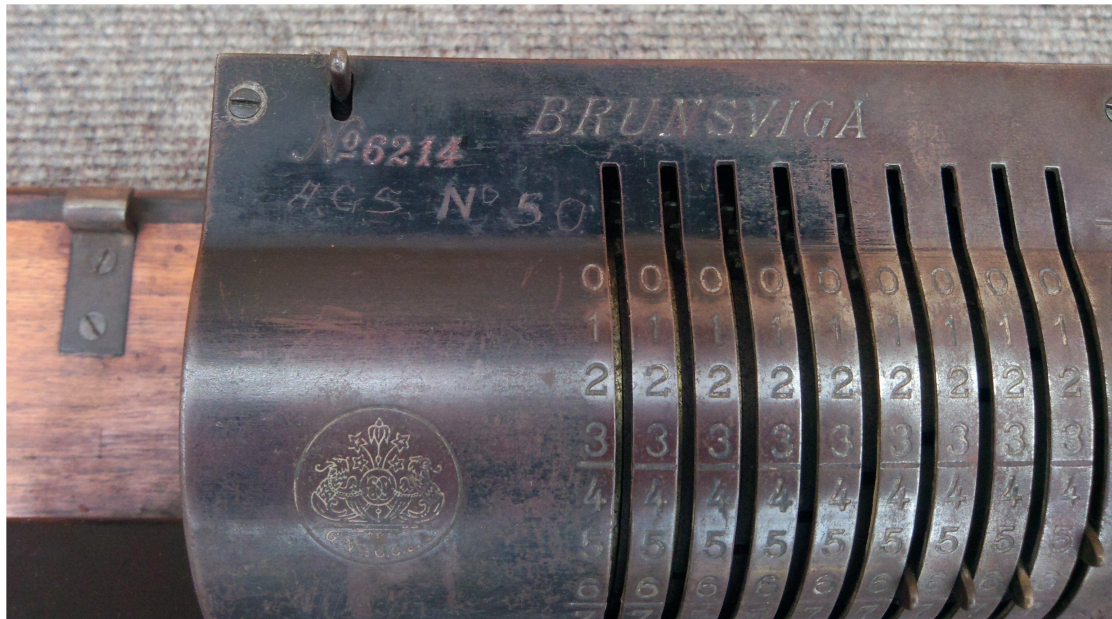


Figure 2: Brunsviga Adding Machine closeup of indicators



*Figure 3: Brunsviga Adding Machine closeup of serial number
S/N: 6214*

Also note 'AGS No.50' for Arthur Guinness & Sons



Figure 4: Brunsviga Adding Machine closeup of supplier label

*'Sole Agents
Dykes Bros
11 Royal Exchange Square
Glasgow
London and Manchester'*