

Liste de brevets sur les calculatrices mécaniques de Alain GUYOT page 1

La table est triée par date, dans l'ordre : Numéro de brevet, date, titre, auteur, compagnie, lien pour ouverture, commentaire
 La colonne C (Sort date) sert à retrier par date (Excel ne reconnaît pas les dates antérieures à 1900). La colonne C est CALCULEE AUTOMATIQUEMENT
 Pour être ouverts par "ouvrir" ou par "open" (colonne G) les brevets doivent être dans un dossier appelé "brevets". La colonne G est CALCULEE AUTOMATIQUEMENT

<u>Patent numb</u>	<u>Date of issue</u>	<u>Sort date</u>	<u>Title</u>	<u>Author</u>	<u>Company</u>	<u>access</u>	<u>Comment</u>
FR1420	18/11/1820	18201118	machine appelée arithmomètre, propre à suppléer à la	Charles Thomas de Colmar		ouvrir	(début des machines commercialisées)
	14/11/1825	18251114		George Scheutz patent		ouvrir	Suédois (machine différentielle de Babbage)
FR11492	28/09/1840	18400928	MACHINE A CALCULER	Didier Roth		ouvrir	machine semblable à Schikard mais avec restauration
FR13269	27/11/1841	18411127	MACHINE A CALCULER	Didier Roth		ouvrir	propagation type Pascal par spirale équiangle, ou spirale de Bernoulli ou limaçon
FR14529	31/12/1842	18421231	MACHINE A CALCULER	Timoléon Maurel à Paris		ouvrir	(arithmaurel, un seul cylindre de Leibniz18 dents géminées), inscription par bouton que l'on tire)
FR16536	18/03/1844	18440318	ADDITION ET PERFECTIONNEMENT AU BREVET D'INVENT	Didier Roth		ouvrir	Référencé par Stephan Weiss Numérotation des fentes inversée
US003574	06/05/1844	18440506	MACHINE FOR CALCULATING INTEREST	Jehu Hatfield		open	Calcul les intérêts en fonction de la durée. Pas une machine.
FR623	24/12/1844	18441224	ADDITIONNEUR	Jean-Baptiste Sosime Schwilgué		ouvrir	Première machine à touches (cité par Denis Roegel)
FR624	24/12/1844	18441224	COMPTEUR MECANIQUE	Jean-Baptiste Sosime Schwilgué		ouvrir	
FR1277	18/04/1845	18450418	MACHINE ARITHMETIQUE PROPRE A MULTIPLIER	Benoît M. Jarton	Jartonarimys	ouvrir	(pas une machine)
FR1545	31/05/1845	18450531	MACHINE ARITHMETIQUE PROPRE A ADDITIONNER	Benoît M. Jarton		ouvrir	(pas une machine)
FR2889	24/01/1846	18460124	MACHINE A DIVISER UNIVERSELLE	Louis G. Perraux		open	
US4902	22/12/1846	18461222	MACHINE FOR CALCULATING	Geo W. Edelman		open	"DECIMATOR" machine à compter avec retour à zéro automatique par ressort
FR4777	28/12/1846	18461228	MACHINE A CALCULER	Timoléon Maurel et Jean Jayet à Voiron (Isère)		ouvrir	Version du brevet en .doc
FR6703	27/11/1847	18471127	MACHINE A CALCULER	François Billiard		ouvrir	Machine à crosses
US5746	05/09/1848	18480905	IMPROVEMENT IN CALCULATING-MACHINE	Joseph J. Baranowski		open	Machine à évaluer les intérêts
FR8282	25/04/1849	18490425	MACHINE A CALCULER DITE ARITHMOMETRE	Charles Thomas de Colmar		ouvrir	Compteur de tours de manivelle à vis
US6403	01/05/1849	18490501	CALCULATING-MACHINE	William H. Haine		open	Machine a additionner de poche à 2 chiffres en base 100 (00 00)
US7074	05/02/1850	18500205	CALCULATING-MACHINE	Dubois D. Parmelee		open	Première machine à clavier, cité par Joseph TURCK
FR10990	08/12/1850	18501208	PERFECTIONNEMENTS A L' "ARITHMOMETRE"	Charles Thomas de Colmar		ouvrir	Afficher le quotient ou le multiplieur
US7961	04/03/1851	18510304	CALCULATING-MACHINE	Nyström		open	
FR17528	03/10/1853	18531003	MACHINE DESTINÉE A FAIRE DES ADDITIONS	Martial Roussel		ouvrir	
US11577	22/08/1854	18540822	IMPROVEMENT IN COUNTING MACHINES	Paul Stillman		open	Machine à afficher un nombre de 6 chiffres
US11726	26/09/1854	18540926	MACHINE FOR ADDING NUMBERS	Aaron L. Hatfield		open	Machine à additionner les chiffres
UK2216	17/10/1854	18541017	IMPROVEMENTS IN MACHINERY OR APPARATUS FOR CA	George & Edward Scheutz		open	
FR23577	22/05/1855	18550522	MACHINE A CALCULER ET IMPRIMER DES TABLES	Nils comte de Barck (Suède)		ouvrir	
FR24582	27/08/1855	18550827	ADDITIONNEUR MÉCANIQUE A TOUCHES	Ernest M. Lobbé		ouvrir	
US13800	13/11/1855	18551113	MACHINE FOR ADDING NUMBERS	Nathaniel S. Saxton		open	
US15565	19/08/1856	18560819	MACHINE FOR ADDING NUMBERS	Isaac G. Hubbs		open	
US18711	24/11/1857	18571124	MACHINE FOR MULTIPLYING NUMBERS	James D. Smith		open	
US18675	24/11/1857	18571124	IMPROVED ARITHMOMETER FOR ADDING	O. L. Castle		open	Premier brevet avec le nom "arithmometer"
US18692	24/11/1857	18571124	IMPROVED ARITHMOMETER	Thomas Hill		open	Deuxième arithmomètre, cité dans Joseph TURCK & Ernst MARTIN
FR35888	22/03/1858	18580322	MACHINE A ADDITIONNER	Alfred Chevrier-Sallandrouze		ouvrir	
USRE_551	11/05/1858	18580511	PREPARED ARITHMOMETER FOR ADDING	O. L. Castle		open	Autre brevet avec le nom "arithmometer" reissued
US21236	17/08/1858	18580817	IMPROVEMENT IN ODOMETERS	Leonard N. Nutz		open	
US21243	24/08/1858	18580824	MACHINE FOR ADDING NUMBERS	Jabez Burns		open	
US21621	28/09/1858	18580928	MACHINE FOR ADDING NUMBERS	John B. Newbrough		open	
US21941	02/11/1858	18581102	IMPROVED ARITHMOMETER FOR ADDITION	Orlando L. Castle		open	
FR38778	22/11/1858	18581122	MACHINE CALCULATRICE EFFECTUANT LES ADDITIONS,	Charles Colomb-Menard		ouvrir	
FR39523	21/01/1859	18590121	INSTRUMENT PROPRE A CALCULER	Louis Lac de Bosredon		ouvrir	
US23637	12/04/1859	18590412	IMPROVED ADDING-MACHINE	C. Winter		open	
US24481	21/06/1859	18590621	INSTRUMENT FOR ADDING NUMBERS	John B. Newbrough		open	
US24990	09/08/1859	18590809	ADDING INSTRUMENT	John T. Campbell		open	Machine type "Pascaline" avec propagation de retenue par bielle.
FR43781	01/02/1860	18600201	MACHINE A ADDITIONNER	Eugène Jacot des Combes		ouvrir	
US27418	13/03/1860	18600313	ADDING-MACHINE	John Ballou		open	
US28006	24/04/1860	18600424	MACHINE FOR ADDING NUMBERS	David R. Nelson		open	
FR46757	15/09/1860	18600915	MACHINE A CALCULER	Timoléon Maurel		ouvrir	multiplication/ Maurel Ingénieur Mécanicien
US30264	02/10/1860	18601002	ADDING-MACHINE	Thomas T. Strode		open	
US31016	01/01/1861	18610101	ADDING-MACHINE	Joseph Harris		open	
FR48763	07/03/1861	18610307	MACHINE QUI ADDITIONNE SEULE	Joseph M. Barthélemon		ouvrir	
US34665	11/03/1862	18620311	IMPROVEMENT IN COUNTING-MACHINES	Thomas J. Young		open	
US39222	14/07/1863	18630714	IMPROVEMENT IN ADDING-MACHINES	George B. Fowler		open	
US40105	29/09/1863	18630929	IMPROVEMENT IN ADDING-MACHINES	Milton C. Jeffers		open	
FR62035	25/02/1864	18640225	CALCULATEUR DIT "CALCULATEUR CHARBONNEAU"	Barthélemy Charbonneau		ouvrir	
US41898	15/03/1864	18640315	CALCULATING MACHINE	Joseph B. Alexander		open	(Machine type caisse enregistreuse à additionner/soustraire affichant un résultat et son complément)
US45482	20/12/1864	18641220	IMPROVEMENT IN MACHINES FOR COUNTING	John Dolbeer		open	
US48927	25/07/1865	18650725	IMPROVEMENT IN REGISTERS FOR COUNTING REVOLUTI	Victor Giroud		open	
US49168	01/08/1865	18650801	IMPROVEMENT IN CALCULATING MACHINES	T.T. Strode		open	
FR68923	30/09/1865	18650930	ARITHMOMETRE (Machine à calculer)	Charles Thomas de Colmar		ouvrir	cylindre de Leibniz, dents sur la moitié de la circonférence + une dent amovible (Bien décrit dans Maurice d'Ocagne)
US51972	09/01/1866	18660109	IMPROVEMENT IN CALCULATING MACHINES	Newton Rowland		open	
US52681	20/02/1866	18660220	IMPROVEMENT IN COUNTING-MACHINES	Samuel Comfort		open	
US58347	25/09/1866	18660925	IMPROVEMENT IN CIPHERING-MACHINES	Samuel J. Kelso		open	Machine à crypter les messages
US60475	18/12/1866	18661218	IMPROVEMENT IN COMPUTING MACHINES	John H. Chidester		open	
FR74933	13/02/1867	18670213	ADDITIONNEUSE DITE "ADDITIONNEUSE AMADE"	François E. Amade		ouvrir	Totalisateur /retenue /restauration
US62677	05/03/1867	18670305	IMPROVEMENT IN ADDING MACHINES	Volney Parks		open	
US62882	12/03/1867	18670312	IMPROVEMENT IN CALCULATING MACHINES	Albert C. Pierson		open	
FR76679	08/06/1867	18670608	MACHINE A ADDITIONNER	Vincent Grill		ouvrir	

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US65883	18/06/1867	18670618	IMPROVEMENT IN COMPUTING MACHINES	A.W. Davies	open	
US67786	13/08/1867	18670813	IMPROVEMENT IN CALCULATING MACHINES	A. Mendenhall	open	
US73449	21/01/1868	18680121	IMPROVEMENT IN CALCULATING-MACHINES	Levi Keller	open	Loomis & Johnson
US73732	28/01/1868	18680128	IMPROVEMENT IN CALCULATING MACHINES	Albert C. Pierson	open	
US73995	04/02/1868	18680204	IMPROVEMENT IN CALCULATING-MACHINES	Albert C. Pierson	open	
US74170	04/02/1868	18680204	CALCULATING AND REGISTERING-MACHINE	Thomas T. Strode	open	
US74641	18/02/1868	18680218	IMPROVEMENT IN COMPUTING-APPARATUS	Thomas Wallworth	open	
US75322	10/03/1868	18680310	IMPROVEMENT IN ADDING-MACHINES	Charle H. Webb	open	Webb Adding Machine Co. (1869)
US77736	12/05/1868	18680512	IMPROVEMENT IN TAX-CALCULATORS	I. S. Hyatt	open	"The Webb adder", cité par Peggy A. KIDWELL & Detlev BÖLTER
US79272	23/06/1868	18680623	IMPROVEMENT IN INSTRUMENTS FOR ADDING AND REGI	Nelson Spofford & Charles Corliss	open	
US85229	22/12/1868	18681222	IMPROVEMENT IN CALCULATING-APPARATUS	Alonzo Johnson	open	
US90275	18/05/1869	18690518	IMPROVEMENT IN COMPUTING-TABLET	Henry Kummer	open	
FR86067	16/06/1869	18690616	MACHINE A ADDITIONNER	Catherinus Collett (norvège)	ouvrir	
US93350	03/08/1869	18690803	IMPROVEMENT IN ADDING-MACHINE	Thomas Rossiter	open	
FR86774	12/08/1869	18690812	APPAREIL PERFECTIONNE POUR ADDITIONNER DES NOI	Charles H. Webb	ouvrir	
US93849	17/08/1869	18690817	IMPROVEMENT IN COMPUTING-APPARATUS	Elizur Wright	open	
US94772	14/09/1869	18690914	IMPROVEMENT IN CALCULATING-MACHINE	John H. Rudolph	open	
US95389	28/09/1869	18690928	IMPROVEMENT IN COUNTING-REGISTERS	Gerard Sickels	open	
US95876	19/10/1869	18691019	ADDING MACHINE	Benjamin B. Brown	open	
US97974	14/12/1869	18691214	IMPROVEMENT IN PRICE-CALCULATING DEVICES	Albert Sinclair	open	
US98720	11/01/1870	18700111	IMPROVEMENT IN ADDING-MACHINE	Edward A. Swain	open	
FR88550	15/01/1870	18700115	"COMPTEUR PERFECTIONNE"	Antoine Bally	ouvrir	Compteur d'horlogerie (ressemble à un balancier)
US99226	25/01/1870	18700125	IMPROVEMENT IN ADDING-MACHINE	Homer Parmelee	open	rien à voir avec Dubois Parmelee
US99533	08/02/1870	18700208	ADDING MACHINE	Gilbert W. Chapin	open	cité par Joseph TURCK & Ernst MARTIN
US100288	01/03/1870	18700301	IMPROVEMENT IN ADDING-MACHINES	John Groesbeck	open	photo de la machine
US102216	26/04/1870	18700426	IMPROVEMENT IN CALCULATORS	Alexander Brodie	open	
US103221	17/05/1870	18700517	COUNTING REGISTER	William H. McNary	open	
FR90719	18/07/1870	18700718	"LE VERIFICATEUR" MACHINE A CALCULER	Louis Laass-d'Aguen	ouvrir	Machine à multiplier à cylindre de Leibniz
US105717	26/07/1870	18700726	IMPROVEMENT IN ADDING-MACHINE	Nels Ockerlund	open	
US106701	23/08/1870	18700823	IMPROVEMENT IN ADDING-MACHINES	Frank T. Leilicht	open	
US106881	30/08/1870	18700830	ADDING MACHINE	Charles E. Spear	open	ressemble machine à crosses
US106999	06/09/1870	18700906	IMPROVEMENT IN ADDING-MACHINES	Gilbert W. Chapin	open	
US109619	29/11/1870	18701129	IMPROVEMENT IN ADDING-AND SUBTRACTING-REGISTEF	Henry A. House	open	
US110520	27/12/1870	18701227	IMPROVEMENT IN ADDING-MACHINES	Francis F. Warner	open	
US113794	18/04/1871	18710418	IMPROVEMENT IN COUNTING-REGISTERS	Charles W. Pyle	open	
US117169	18/07/1871	18710718	IMPROVEMENT IN ADDING-MACHINES	Emery M. Hamilton	open	
US119871	10/10/1871	18711010	IMPROVEMENT IN BALANCES	Christofer C. Marsh	open	
US120609	07/11/1871	18711107	IMPROVEMENT IN COUNTING-REGISTERS	Alexander P. Atkinson	open	
US121687	05/12/1871	18711205	IMPROVEMENT IN CALCULATING-MACHINES	Robinson Teasdale	open	
US129335	16/07/1872	18720716	IMPROVEMENT IN CALCULATING-MACHINES	George B. Grant	open	contact intermittent
US130244	06/08/1872	18720806	IMPROVEMENT IN CALCULATING-MACHINES	William Robjohn	open	cité par Joseph TURCK & Ernst MARTIN
US130404	13/08/1872	18720813	IMPROVEMENT IN CALCULATING-MACHINES	Edmund D. Barbour	open	multiplication directe, précèdent de Léon Bollée (cité dans Joseph TURCK & Ernst MARTIN & George CHASE)
US131388	19/11/1872	18721119	IMPROVEMENT IN CALCULATING-MACHINES	Edmund D. Barbour	open	cité par Joseph TURCK & Ernst MARTIN
US137107	25/03/1873	18730325	IMPROVEMENT IN ADDING-MACHINES	Achibald M. Stephenson	open	rien à voir avec G. Stephenson
US138245	29/04/1873	18730429	IMPROVEMENT IN CALCULATING-MACHINES	George B. Grant	open	
US140146	24/06/1873	18730624	IMPROVEMENT IN ADDING-MACHINES	Gustavus Linderoos	open	
US143184	23/09/1873	18730923	IMPROVEMENT IN ADDING-MACHINES	Solomon Pool	open	
US144523	11/11/1873	18731111	IMPROVEMENT IN CALCULATING-MACHINES	Theodor Esersky	open	
US146407	13/01/1874	18740113	IMPROVEMENT IN ADDING-MACHINES	Cyrus G. Spalding	open	
US152670	30/06/1874	18740630	IMPROVEMENT IN ADDING-MACHINES	Charles C. Moore & Jacob B. Moore	open	
US153522	28/07/1874	18740728	IMPROVEMENT IN ADDING-MACHINES	Frank S. Baldwin	open	Frank S. Baldwin
US153826	04/08/1874	18740804	IMPROVEMENT IN ADDING-MACHINES	Calvin J. Holman	open	ajouter des colonnes de chiffres (photo de la machine)
FR104952	11/09/1874	18740911	APPAREILS DIVISEURS MATHEMATIQUES ET AUTOMATIC	André & Fleury	ouvrir	
US155772	06/10/1874	18741006	IMPROVEMENT IN ADDING-MACHINES	Elmore W. Taylor	open	
FR105997	04/12/1874	18741204	MACHINE PERFECTIONNEE SERVANT A ADDITIONNER	Moses Pullen & Wiliam Pullen	ouvrir	
US157690	15/12/1874	18741215	IMPROVEMENT IN ADDING-MACHINES	John M. Lawrence	open	
US159244	02/02/1875	18750202	IMPROVEMENT IN CALCULATING-MACHINES	Frank S. Baldwin	open	ancêtre Roues de Odhner (cité par Ernst MARTIN & Peggy KIDWELL & Joseph TURCK & George CHASE)
FR108383	14/06/1875	18750614	CALCULATEUR UNIVERSEL	Joseph Boué	ouvrir	dit "Docteur Faust"
FR109459	03/09/1875	18750903	APPAREIL MULTIPLICATEUR NUMÉRIQUE ET AUTOMATIC	Pierre F. Mascré	ouvrir	
US168080	28/09/1875	18750928	IMPROVEMENT IN CALCULATING-MACHINES	Edmund D. Barbour	open	multiplication directe
FR110349	27/11/1875	18751127	ADDITIONNEUR MÉCANIQUE	Alexis Petelin	ouvrir	
US170708	07/12/1875	18751207	IMPROVEMENT IN ADDING-MACHINES	Denis L. Butt	open	
US175775	04/04/1876	18760404	IMPROVEMENT IN ADDING-PENCILS	Marshall M. Smith & Fletcher W. Pott	open	
US176833	02/05/1876	18760502	ADDING MACHINE	David Carroll	open	cité par Joseph TURCK
US177775	23/05/1876	18760523	IMPROVEMENT IN ADDING-PENCILS	John J. White	open	
US178505	13/06/1876	18760613	IMPROVEMENT IN CALENDARS AND ADDING-MACHINES	Webb Broomhall	open	
FR114024	05/08/1876	18760805	"ARITHMÉOBRACH-ADDITIONNEUR"	Antoine Dalbeigue	ouvrir	
US180949	08/08/1876	18760808	IMPROVEMENT IN ADDING-PENCILS	Marshall M. Smith	open	
US183409	17/10/1876	18761017	IMPROVEMENT IN ADDING-MACHINES	John H. Mears	open	
FR115319	08/11/1876	18761108	CALCULATRICE MÉCANIQUE UNIVERSELLE	Casimir Chambon	ouvrir	
FR115547	17/11/1876	18761117	PETITE CALCULATRICE POUR ADDITION ET SOUSTRAC	Adolphe Bardot	ouvrir	
US187114	06/02/1877	18770206	ADDING PENCIL	Charles C. Fields	open	
FR118362	03/04/1877	18770403	APPAREIL MULTIPLICATEUR OPÉRANT SANS ERREUR	Victor A. Pinet	ouvrir	
FR118742	29/05/1877	18770529	ADDITIONNEUR INSTANTANÉ	Victor A. Pinet	ouvrir	

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US193425	24/07/1877	18770724	IMPROVEMENT IN ADDING-MACHINES	Marshall M. Smith	open	
US193853	07/08/1877	18770807	IMPROVEMENT IN ADDING-MACHINES	Marshall M. Cram	open	
US195281	18/09/1877	18770918	IMPROVEMENT IN ADDING-MACHINES	William L. Hofer	open	
FR270628	21/09/1877	18770921	PERFECTIONNEMENTS APPORTES AUX ACCESSOIRES D'I	Arthur Ashwell	ouvrir	(Scan Valéry Monnier)
FR121024	07/11/1877	18771107	MACHINE A ADDITIONNER	Alfred Chevrier-Sallandrouze	ouvrir	(Scan Valéry Monnier)
US198934	08/01/1878	18780108	IMPROVEMENT IN ADDING-REGISTERS FOR PENCILS	Charles C. Fields	open	
US199721	29/01/1878	18780129	IMPROVEMENT IN DEVICES FOR CALCULATING PERCENT	J. Lee Knight	open	
FR123263	27/02/1878	18780227	MACHINE A CALCULER	Clara Durand	ouvrir	
US200911	05/03/1878	18780305	IMPROVEMENT IN ADDING-MACHINES	Milton W. Hinkle	open	
FR123135	21/03/1878	18780321	"NUMERATEUR TRONCET"	Louis Troncet	ouvrir	Clavier complet (si on veut) Affichage par cadran à aiguille
FR124192	20/04/1878	18780420	MACHINE A CALCULER	Thomas de Kercado	ouvrir	
FR123896	25/04/1878	18780425	CALCULATEUR JOUJOU	Just Gury	ouvrir	
US203151	30/04/1878	18780430	IMPROVEMENT IN CALCULATING-MACHINES	William W. Hopkins	open	Additionneuse à chaîne
US203763	14/05/1878	18780514	IMPROVEMENT IN CALCULATING-MACHINES	Charles E. Patterson	open	
FR125251	22/06/1878	18780622	SYSTÈME DE MACHINE A CALCULER	François E. Amade	ouvrir	
US206136	16/07/1878	18780716	IMPROVEMENT IN ADDING-STICKS	Robert F. Roche	open	
US205993	16/07/1878	18780716	IMPROVEMENT IN ADDING-MACHINES	William P. Borland & Herman Hofmann	open	cité par Joseph TURCK
US209416	29/07/1878	18780729	IMPROVEMENT IN CALCULATING-MACHINES	Willgodt T. Odhner	open	Brevet déposé en Russie en 1877, en Suède en 1890
US207255	20/08/1878	18780820	IMPROVEMENT IN ADDING-MACHINES	Mark W. Clay	open	
US207918	10/09/1878	18780910	IMPROVEMENT IN CALCULATING-MACHINES	Ramón Vereá	open	multiplication directe (Article de Kidwell sur Ramón Vereá, cité par George CHASE)
US209644	05/11/1878	18781105	IMPROVEMENT IN ADDING-MACHINES	Edward L. Bill	open	ajouter des chiffres
US209690	05/11/1878	18781105	IMPROVEMENT IN ADDING-MACHINES	Reuben R. James	open	retenue à poids, comme la Pascaline
US209977	19/11/1878	18781119	IMPROVEMENT IN ADDING-MACHINES	Martin Norgren	open	
FR127535	20/11/1878	18781120	MACHINE A CALCULER PERFECTIONNEE	Königsberger et Cie	ouvrir	
US212498	18/02/1879	18790218	IMPROVEMENT IN TAX CALCULATORS	Philo F. Pettibone	open	
FR129413	05/03/1879	18790305	APPAREIL ARITHMOMÈTRE	Clément Dumesnil	ouvrir	
FR129864	31/03/1879	18790331	MACHINE A CALCUL	Robert Mehlfied	ouvrir	
FR130034	19/04/1879	18790419	"ARITHMEOBRACH" ADDITIONNEUR	Antoine Dalbeigne	ouvrir	
US214510	22/04/1879	18790422	IMPROVEMENT IN DEVICES FOR CALCULATING NG PERC J.	Lee Knight	open	
FR131423	25/06/1879	18790625	COMPTEUR A BOULES A DISPARITION SUBITE	Wilhelm Walcker	ouvrir	
FR132776	20/09/1879	18790920	COMPTEUR A TOUCHES POUR L'ADDITION DE NOMBRES	Etienne Geny	ouvrir	
FR133306	22/10/1879	18791022	"ARITHMOGRAPHE" MACHINE A CALCULER	Louis Troncet	ouvrir	Inscripteur à roue à 3 décades/ soustraction complément à 9/ reporteur
FR134531	09/01/1880	18800109	CONSTRUCTION D'UNE MACHINE ADDITIONNEUSE	William Marcet	ouvrir	
FR135226	25/02/1880	18800225	MACHINE A CALCULER	Antoine Durant	ouvrir	
US228416	01/06/1880	18800601	ADDING MACHINE	Charles P. Sullivan	open	Machine à boules
FR137031	03/06/1880	18800603	MACHINE A ADDITIONNER	Leonard Stove	ouvrir	
US228448	08/06/1880	18800608	CALCULATOR	Benjamin L. Davis	open	
US232482	21/09/1880	18800921	CALCULATOR	Henry Fitch	open	
FR138912	29/09/1880	18800929	PERFECTIONNEMENTS A L' "ARITHMOMÈTRE"	Louis Thomas de Bojano	ouvrir	Charles Thomas de Colmar
FR139898	29/12/1880	18801229	GENRE DE RÉGLE A CALCUL CIRCULAIRE	Charles Meyrat & Rodolphe Perdrizet	ouvrir	
FR141027	21/01/1881	18810121	"ADDITIONNEUR HERMELIN"	Pierre L. Hermelin	ouvrir	
FR141089	10/02/1881	18810210	MACHINE A ADDITIONNER	Adrien Saint-Paul	ouvrir	
FR141208	18/02/1881	18810218	APPAREIL POUR CALCULER	H. Beaucourt	ouvrir	
US248605	25/10/1881	18811025	ADDING-MACHINE	William Perry	open	Machine à additionner des chiffres
US249606	15/11/1881	18811115	ADDING-MACHINE	Peter O. Forrester	open	machine à clavier
US250541	06/12/1881	18811206	ADDING MACHINE	William M. Howland	open	
US251567	27/12/1881	18811227	ADDING MACHINE	David M. Fulwiler & James A. Fulwiler	open	
US251823	03/01/1882	18820103	ADDING MACHINE	Michael Bouchet	open	cité par Joseph TURCK
US254450	07/03/1882	18820307	PERMUTATION-LOCK	Frank S. Baldwin	open	maquette fabriquée et déposée
US255270	21/03/1882	18820321	ADDING MACHINE	John G. Fisher	open	
US256591	18/04/1882	18820418	ADDING MACHINE	Fawcett Plumb	open	
US257775	09/05/1882	18820509	ADDING MACHINE	Walter C. Snelling	open	
US258518	23/05/1882	18820523	ADDING MACHINE	Myer E. Winter & Cushman W. Cray	open	
US263904	05/09/1882	18820905	ADDING MACHINE	Christian W. Hergenroeder	open	
FR151907	04/11/1882	18821104	MÉCANISME DIT "ADDITIONNEUR LANDES"	Pierre Landes	ouvrir	
US268135	28/11/1882	18821128	ADDING MACHINE	Arthur Shattuck & Charles Thorn	open	Additionneur à chaînes
FR153414	30/01/1883	18830130	CALCULOMETRE	Jule Canale & Antoine Antonetti	ouvrir	
FR153432	31/01/1883	18830131	APPAREIL ADDITIONNEUR	Albert Stetner	ouvrir	Brevet US277627
US272626	20/02/1883	18830220	ADDING MACHINE	William H. Beatley	open	
FR154640	03/04/1883	18830403	ADDITIONNEUR ENREGISTREUR	Enest Recordon	ouvrir	additionneur de chiffres
US276866	01/05/1883	18830501	ADDING MACHINE	Philip Neary	open	
US277627	15/05/1883	18830515	ADDING MACHINE	Albert Stetner	open	Additionneur à touches cité par Joseph TURCK
FR157053	14/08/1883	18830814	NOUVEL APPAREIL A CALCULER	Karl Duschanek	ouvrir	multiplication/division
US284576	04/09/1883	18830904	CALCULATING DEVICE	Charles Rowland	open	
US284755	11/09/1883	18830911	CALCULATING MACHINE	Charles F. Pidgin & Francis H. Leonard	open	Machine à additionner électriqueélectro-aimants et roues à rochet
US287192	23/10/1883	18831023	CALCULATING MACHINE	Ira E. Tallman	open	Machine basée sur les "Napier Rods"
FR158544	14/11/1883	18831114	PERFECTIONNEMENTS APPORTES DANS LES MACHINE	Joseph Edmonson	ouvrir	
US289483	04/12/1883	18831204	ADDING MACHINE	John N. Wilson	open	Crayon machine à calculer
FR159294	20/12/1883	18831220	"COMPTEUR DE POCHE"	Joseph E. Deschiens	ouvrir	Compteur d'impulsions (mécanisme du report intéressant)
US292256	22/01/1884	18840122	ADDING MACHINE	David M. Rush	open	Machine a additionner les chiffres, clavier
US293399	12/02/1884	18840212	ADDING MACHINE	Albert K. Barmore	open	
US293809	19/02/1884	18840219	ADDING MACHINE	Cyrus G. Spalding	open	cité par Ernst MARTIN
US297342	22/04/1884	18840422	ADDING MACHINE	William H. Beatley	open	
US300809	24/06/1884	18840624	ADDING MACHINE	William C. Smalstig	open	

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US301784	08/07/1884	18840708	ADDING MACHINE	Benjamin Adams		open
FR163925	27/08/1884	18840827	ADDITIONNEUR DE POCHE A TROIS TOUCHES	Alain Petelin		ouvrir
US308528	25/11/1884	18841125	ADDING MACHINE	Andrew Stark		ouvrir
US308570	25/11/1884	18841125	ADDING MACHINE	La Verne Noyes & Andrew Stark		open cité dans Joseph TURCK
US309035	09/12/1884	18841209	ADDING MACHINE	Martin O. Dolson		open cité dans Joseph TURCK & Ernst MARTIN
US312014	10/02/1885	18850210	RECORDING AND REGISTERING APPARATUS	Henri Pottin		open (français) (cité par Joseph TURCK & Ernst MARTIN)
US314561	31/03/1885	18850331	ADDING MACHINE	Michael Bouchet		open cité dans Ernst MARTIN
FR168534	02/05/1885	18850502	PERFECTIONNEMENTS AUX INSTRUMENTS A CALCUL	Jules Maillard & Louis Bricotte		ouvrir Règle et cercle à calcul
US322190	14/07/1885	18850714	ADDING-MACHINE	William J. MacNider		open
US326824	22/09/1885	18850922	ADDING MACHINE	Reuben F. Wilcox		open
FR171473	03/10/1885	18851003	"ARITHMOGRAPHE TRONCET SIMPLIFIE"	Louis Troncet		ouvrir Machine à crosses
US327761	06/10/1885	18851006	CALCULATING DEVICE	Charles M. Bradt		open
US329421	27/10/1885	18851027	ADDING DEVICE FOR CHECK MACHINES	Charles W. Weiss & Charles Kruse		open
US331264	24/11/1885	18851124	CALCULATING DEVICE	Argyle W. Tucker		open
US334064	12/01/1886	18860112	CALCULATING MACHINE	Elijah W. Watson		open
US334419	19/01/1886	18860119	CALCULATING MACHINE	Karl Duschaneck		open (brevet UK3828)
US335374	02/02/1886	18860202	ADDING MACHINE	Thomas W. Maxey		open
FR173930	03/02/1886	18860203	MACHINE A ADDITIONNER DE WÜTTENDORF	Hermann Lorenz		ouvrir Commandé par une pédale
US338075	16/03/1886	18860316	CALCULATING DEVICE	William D. Jarvis		open
FR175432	05/04/1886	18860405	"ADDITIONNEUR CANONVILLE" SIMPLIFIER LES ADDITION	Maurice Canonville		ouvrir Table
FR175412	12/04/1886	18860412	"LE CALCULATEUR" MACHINE A CALCULER	Edward Selling		ouvrir
US342061	18/05/1886	18860518	HYDRAULIC BRICK MACHINE	Frank S. Baldwin	Frank S. Baldwin	open
FR176679	02/06/1886	18860602	MULTIPLICATEUR AUTOMATIQUE	Adolph P. Eggis		open
FR176537	02/06/1886	18860602	APPAREIL A CALCULER	Franz Simunovic		open ??
US343506	08/06/1886	18860608	ADDING MACHINE	Lawrence W. Swern		open
FR176777	15/06/1886	18860615	SYSTÈME PERFECTIONNE DE MACHINE A COMPTER	Peter T. Lindholm		ouvrir brevet US343770 cité par Joseph TURCK
US343770	15/06/1886	18860615	ADDING MACHINE	Peter T. Lindholm		open
US344025	22/06/1886	18860622	ADDING MACHINE	Brown M. Barnes & Charles E. Shapley		open
US344180	22/06/1886	18860622	ADDING MACHINE	Edward Halsey		open
FR177085	06/07/1886	18860706	NOUVEAU CALCULATEUR ARITHMOMÈTRE	Jules V. Charpantier		ouvrir Table de Pythagore mécanique
US346925	10/08/1886	18860810	ADDING MACHINE	William Koch	Kruse Check and Adding Machine	open
US346927	10/08/1886	18860810	ADDING MACHINE	Antoine Lapeyre		open (brevet FR168202)
US348496	31/08/1886	18860831	CHECK PRINTING AND ADDING MACHINE	William Koch & Charles Kruse	Kruse Check and Adding Machine	open
US348437	31/08/1886	18860831	ELECTRO MAGNETIC ADDING MACHINE	Charles W. Weiss		open Cité par Stephan Weiss
US348369	31/08/1886	18860831	MACHINE FOR DELIVERING AND ADDING CHECKS	Louis T. Weiss		open
US349459	21/09/1886	18860921	ADDING MACHINE	Arthur E. Shattuck & Charles Thorn		open
US351487	26/10/1886	18861026	ADDING MACHINE	Frank A. Bone		open
US353318	30/11/1886	18861130	ADDING MACHINE	Leonidas H. Lewis & Peter M. Guerrant		open
US354789	21/12/1886	18861221	ADDING MACHINE	Albert E. Hix		open
US356561	25/01/1887	18870125	ADDITION PENCIL	Chester R. Thompson		open
US360118	29/03/1887	18870329	ADDING MACHINE	Brainard F. Smith		open cité par Joseph TURCK
US362219	03/05/1887	18870503	STOP DEVICE FOR ADDING, COUNTING OR REGISTERING	William Koch	Kruse Check and Adding Machine	open
US363972	31/05/1887	18870531	ADDING MACHINE	Brainard F. Smith & Arthur E. Shattuck		open
FR184083	07/06/1887	18870607	PERFECTIONNEMENTS AUX MACHINES A ADDITIONNER	James Richardson		ouvrir (brevet US364297)
US364297	07/06/1887	18870607	ADDING MACHINE	James Richardson		open
US366945	19/07/1887	18870719	ADDING MACHINE	Dorr E. Felt	Dorr E. Felt & Chauncey W. Foster	open Brevet sur le Comptomètre (spirale de Bernoulli pour la retenue)
US367213	26/07/1887	18870726	CHECK PRINTING AND ADDING MACHINE	William Koch	Kruse Check and Adding Machine	open
US367345	26/07/1887	18870726	MACHINE FOR PRINTING AND ADDING CHECKS	William Koch	Kruse Check and Adding Machine	open
US367346	26/07/1887	18870726	GOVERNOR FOR ADDING, COUNTING AND REGISTERING	William Koch	Kruse Check and Adding Machine	open
US367546	02/08/1887	18870802	ADDING MACHINE	George Phillips		open
US368528	16/08/1887	18870816	CALCULATING MACHINE	George B. Grant		open
FR185584	31/08/1887	18870831	MACHINE A CALCULER	Carl Lorenz		ouvrir Table de Pythagore mécanique
US369998	13/09/1887	18870913	ADDING MACHINE	Eugene W. Vest		open Cercle à calcul
US370719	27/09/1887	18870927	ADDING MACHINE	Samuel E. Austin		open
US370777	04/10/1887	18871004	ADDING MACHINE	William F. Gatewood		open
US371496	11/10/1887	18871011	ADDING MACHINE	Dorr E. Felt	Dorr E. Felt & Chauncey W. Foster	open Brevet sur le Comptomètre (cité par Ernst MARTIN)
US377823	14/02/1888	18880214	CALCULATING MACHINE	Frederick L. Bancroft		open
FR189272	10/03/1888	18880310	MACHINE A ADDITIONNER ET MULTIPLIER	Ad Bahmann		ouvrir additionneur de chiffres, clavier complet
FR189265	10/03/1888	18880310	MACHINE POUR FAIRE DES ADDITIONS	Paul Ilgen		ouvrir machine à disque
US379536	13/03/1888	18880313	INTEREST CALCULATING DEVICE	George D. Hicks		open Table souple enroulée
US380519	03/04/1888	18880403	ADDITION REGISTER FOR PENCILS	Henry C. Rose		open
FR190348	04/05/1888	18880504	COMPTEUR ADDITIONNEUR	Joseph Granger		ouvrir Compteur (mécanisme du report intéressant)
FR191023	05/06/1888	18880605	PERFECTIONNEMENTS DANS LES MACHINES A ADDITION	Charles C. Moore		ouvrir Brevet US383973
US383973	05/06/1888	18880605	ADDING MACHINE	Charles C. Moore		open
US384373	12/06/1888	18880612	ADDING AND WRITING MACHINE	Albert C. Ludlum		open cité dans Joseph TURCK & Ernst MARTIN
FR192308	08/08/1888	18880808	PERFECTIONNEMENTS AUX MACHINES A COMPTER	Adolphus Berrenberg		ouvrir
FR192470	18/08/1888	18880818	"CALCULOMETRE ANTONETTI"	Antoine J. Antonetti		ouvrir Calculateur analogique mécanique
US388116	21/08/1888	18880821	CALCULATING MACHINE	William S. Burroughs	American Arithmometer Co.	open Brevet original de William Seward Burroughs (cinq registres d'addition)
US388117	21/08/1888	18880821	CALCULATING MACHINE	William S. Burroughs	American Arithmometer Co.	open Brevet original de William S. Burroughs (register wheel avec chiffres complémentaires)
US388118	21/08/1888	18880821	CALCULATING MACHINE	William S. Burroughs	American Arithmometer Co.	open cité par Joseph TURCK
US388119	21/08/1888	18880821	CALCULATING MACHINE	William S. Burroughs	American Arithmometer Co.	open
US388518	28/08/1888	18880828	INDICATING AND CALCULATING MACHINE	Philip Yoe		open
US390788	09/10/1888	18881009	ADDING MACHINE	Charles B.F. Lincoln		open
US391088	16/10/1888	18881016	ADDING MACHINE WITNESSES	James C. Seymour		open

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US391430	23/10/1888	18881023	ADDING MACHINE	Jacob H. Schnarrenberger		open	
US392837	13/11/1888	18881113	ADDING AND SUBTRACTING MACHINE	Samuel J. Webb		open	
US393478	27/11/1888	18881127	CALCULATING MACHINE	Carl Lorentz		open	
US394219	11/12/1888	18881211	ADDING MACHINE	Wilson Snider		open	
FR194952	22/12/1888	18881222	MACHINE A ADDITIONNER PERFECTIONNEE	Dorr E. Felt & Tarrant	Felt and Tarrant	ouvrir	Brevet US371496
US396034	08/01/1889	18890108	ADDING MACHINE	Dorr E. Felt	Felt and Tarrant	open	Brevet sur le Comptomètre / Propagation retenue
FR195975	09/02/1889	18890209	APPAREIL DE MULTIPLICATION	Carl E. Uhlig		ouvrir	Leipzig Appareil très bizarre
FR195961	13/02/1889	18890213	ADDITIONNEUSE MÉCANIQUE	Sosthène Paté		ouvrir	machine à clavier pour additionner des chiffres
US398360	19/02/1889	18890219	CALCULATING MACHINE	Johannes Vermehren		open	
US398627	26/02/1889	18890226	STOP DEVICE FOR ADDING AND REGISTERING WHEELS	William Koch	Kruse Check and Adding Machine	open	
US399129	05/03/1889	18890305	COIN OPERATED CALCULATING MACHINE	Franklin W. Brooks		open	
FR196512	06/03/1889	18890306	CALCULATEUR PERFECTIONNÉ	Joseph Yates		ouvrir	Machine à disques
FR196612	11/03/1889	18890311	MACHINE A CALCULER	Philip Gottschalk		ouvrir	Additionneuse insciroteur à crémaillère
US400359	26/03/1889	18890326	ADDING MACHINE	John Pfeifer		open	
US400714	02/04/1889	18890402	ADDING MACHINE	John G. Smith & George W. Smith		open	
US401463	16/04/1889	18890416	CALCULATING MACHINE	Eugene M. Rosenthal		open	
FR197579	18/04/1889	18890418	"ARITHMOGRAPHE TRONCET"	Louis Troncet		ouvrir	Machine a crosse. Soustraction en complement à 9
FR198022	07/05/1889	18890507	MACHINE SERVANT A ADDITIONNER LES NOMBRES	Edward Henry		ouvrir	Machine a disque
FR197999	07/05/1889	18890507	TOTAL DES DEPENSES OU RECETTES AU FUR ET A MES	Jean Mirand		ouvrir	
FR198553	28/05/1889	18890528	"MULTIPLIATEUR DIVISEUR"	Chambon et baye		ouvrir	"os de neper" en cylindre
US403900	28/05/1889	18890528	ADDING MACHINE	Samuel E. Austin		open	
FR198676	01/06/1889	18890601	PERFECTIONNEMENTS DANS LES APPAREILS A ADDITIO	Charles H. Webb		ouvrir	Brevet
US405024	11/06/1889	18890611	ADDING MACHINE	Dorr E. Felt	Felt and Tarrant Manufacturing Co.	open	Brevetsur le Comptomètre à Imprimante (comptographe) (cité dans Joseph TURCK & Ernst MARTIN)
US405924	25/06/1889	18890625	ADDING MACHINE	James C. Stinson		open	
US407825	30/07/1889	18890730	PRICE CALCULATING DEVICE	Silvester Hoadley		open	
US409710	27/08/1889	18890827	ADDING MACHINE	Jacob H. Schnarrenberger		open	Clavier complet
FR201033	30/09/1889	18890930	SYSTÈME DE MACHINE A CALCULER	Léon Bollée		ouvrir	Description en français de la "machine de Bollée"
US413302	22/10/1889	18891022	CALCULATING, RECORDING AND NUMBERING MACHINE	Henry G. O'Neil		open	
US414335	05/11/1889	18891105	ADDING MACHINE	Lester. C. Smith		open	propagation retenue cité par Detlev BÖLTER
US414959	12/11/1889	18891112	ADDING MACHINE	Charles H. Webb		open	The Webb adder (cité par Peggy Aldrich KIDWELL)
US414959	12/11/1889	18891112	ADDING MACHINE	Charles H. Webb		open	The Webb adder (cité par Peggy Aldrich KIDWELL)
US417261	17/12/1889	18891217	CALCULATING MACHINE	Max Mayer		open	
US417954	24/12/1889	18891224	ADDING MACHINE	Edward W. Taylor		open	
US418930	07/01/1890	18900107	ADDING AND SUBTRACTING MACHINE	Jacob H. Schnarrenberger		open	
US419368	14/01/1890	18900114	ADDING MACHINE	William Siddall		open	Animée par un poids et une corde autour d'un tambour
US420617	04/02/1890	18900204	CALCULATING MACHINE	William S. Burroughs	American Arithmometer Co.	open	printing recorder
US420619	04/02/1890	18900204	PRINTING RECORDER	William S. Burroughs	American Arithmometer Co.	open	
US420667	04/02/1890	18900204	CALCULATING MACHINE	Edward Selling		open	Multiplication par parallélogramme)(machine à contact intermittent)(addition différentielle)(cité par George CHASE)
US421455	18/02/1890	18900218	ADDING MACHINE	Daniel B. Vance & James W. Brevard		open	
US421745	18/02/1890	18900218	ADDING MACHINE	W. Columbus Mills		open	
US422853	04/03/1890	18900304	ADDING-MACHINE	Pierre G. Troné		open	
US423364	11/03/1890	18900311	ADDING MACHINE	Ezra E. Witter		open	Machine à ajouter des chiffre
US423272	11/03/1890	18900311	REGISTERING APPARATUS FOR KEY OPERATED MACHIN	John F. Pfeffer & Elijah Spencer		open	
US424932	01/04/1890	18900401	ADDING MACHINE	James F. Mays		open	
US427567	13/05/1890	18900513	ADDING MACHINE	William A. Guzman		open	
US428678	27/05/1890	18900527	CHECK MACHINE	William Koch	Kruse Check and Adding Machine	open	
US429486	03/06/1890	18900603	COMBINED CASH INDICATOR, REGISTER AND CALCULAT	John Sharpe		open	
US430001	10/06/1890	18900610	ADDING MACHINE	Hugo Cook		open	Caisse enregistreuse
FR206289	11/06/1890	18900611	APPAREIL A CALCULER	Félix Möshlin		ouvrir	Grande abaque
US431365	01/07/1890	18900714	ADDING MACHINE	William Lang		open	sorte de Pascaline
US432266	15/07/1890	18900715	ADDING MACHINE	George B. Fowler		open	ancêtre de la machine à crosse
US432393	15/07/1890	18900715	ADDING MACHINE	William M. Fitzwater		open	Machins style Schikard sans restauration
US434251	12/08/1890	18900812	ADDING MACHINE	Dudley I. Craig		open	
FR207783	22/08/1890	18900822	PERFECTIONNEMENTS DANS LES MACHINES A ADDITION	George B. Fowler		ouvrir	brevet US432266
FR207932	29/08/1890	18900829	MACHINE COMPTEUR "ARITHMOMETRE"	Willgodt T. Odhner		ouvrir	machine à multiplier
US435399	02/09/1890	18900902	COMBINED CASH REGISTER AND INDICATOR AND ADDIN	William H. Clark	Lowell Manufacturing Co.	open	
US435819	02/09/1890	18900902	ADDING MACHINE	Warren E. Fleming		open	
US437889	07/10/1890	18901007	ADDING MACHINE	Charles W. Fowler		open	
US438820	21/10/1890	18901021	COMPUTING MACHINE	Patrick O'Connor & William T. McConnell		open	
US439431	28/10/1890	18901028	ADDING MACHINE	Jacob H. Schnarrenberger		open	
US441233	25/11/1890	18901125	ADDING AND RECORDING MACHINE	Dorr E. Felt	Felt	open	Additionneuse à imprimante et clavier complet (cité Ernst MARTIN)
FR209781	25/11/1890	18901125	PERFECTIONNEMENTS AUX MACHINES A ADDITIONNER	Dorr E. Felt & Tarrant	Felt & Tarrant manufacturing co	ouvrir	brevet US441233 (compter le nombre d'additions)
US445447	27/01/1891	18910127	CALCULATING MACHINE	Henry C. Hart		open	
US445240	27/01/1891	18910127	ADDING MACHINE	Royal Corbin		open	Machine très simple
US446753	17/02/1891	18910217	ADDING MACHINE	Eri F. Jewett		open	Machine à chaînes
USRE11147	03/03/1891	18910303	ADDING AND WRITING MACHINE	Albert C. Ludlum		open	
US447363	03/03/1891	18910303	ADDING MACHINE	David J. Rowland		open	
US447457	03/03/1891	18910303	ADDING MACHINE	William H. Beardsley & Lewis M. Hosea		open	
US448221	17/03/1891	18910317	ADDING MACHINE	George B. Gates		open	
FR212887	20/04/1891	18910420	ARITHMONABAQUE OU COMPTEUR UNIVERSEL	Etienne T.Bourgeois		ouvrir	Tables ou abaqués
US450814	21/04/1891	18910421	ADDING AND RECORDING MACHINE	Joseph Mathison		open	
FR213129	29/04/1891	18910429	APPAREIL A CALCULER	Erkes E. Matsson		ouvrir	Additionneur de chiffres téléscopique
FR213311	08/05/1891	18910508	"L'INDISPENSABLE"	Jean Cazeneuve		ouvrir	Règle à calcul
US452446	19/05/1891	18910519	ADDING MACHINE	George F. Atwood		open	

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US453507	02/06/1891	18910602	ADDING MACHINE	James Richardson & Franck E. Heath	open	machine à clavier réduit
US453778	09/06/1891	18910609	ADDING MACHINE	Arthur E. Shattuck	open	
US454715	23/06/1891	18910623	ADDING MACHINE	Dudley I. Craig	open	
US454838	30/06/1891	18910630	ADDING MACHINE	Joseph E. Blackshaw & George H. Rogers	open	
US456177	21/07/1891	18910721	LOCKING DEVICE FOR INDICATING, REGISTERING AND A	Carl W. Weiss	open	
US456419	21/07/1891	18910721	ADDING MACHINE	William F. Lawrenz	open	
US457140	04/08/1891	18910804	CHECK PRINTING AND ADDING MACHINE	Carl W. Weiss	open	
US458203	25/08/1891	18910825	CHECK PRINTING AND ADDING MACHINE	Carl W. Weiss	open	
US462334	03/11/1891	18911103	ADDING MACHINE	Andrew Slavin	open	
US462384	03/11/1891	18911103	ADDING MACHINE	Harry H. Rumble	open	
US462405	03/11/1891	18911103	DEVICE FOR INSTRUCTION IN READING AND CALCULATIN	William W. Hallett	open	
US463027	10/11/1891	18911110	ADDING MACHINE	Joseph E. Blackshaw & George H. Rogers	open	
US465255	15/12/1891	18911215	RECORDING COMPUTING MACHINE	Dorr E. Felt	open	Additionneuse à imprimante (cité dans Joseph TURCK & Ernst MARTIN)
US465120	15/12/1891	18911215	ADDING MACHINE	Charles H. Webb	open	Machine à chaîne
US465811	22/12/1891	18911222	ADDING MACHINE	Olof W. Anderson	open	variante de boulier
US466836	12/01/1892	18920112	INDICATING AND ADDING APPARATUS	Carl E. Richson	open	
US467483	19/01/1892	18920119	MACHINE FOR ISSUING PURCHASE CHECKS AND ADDING	Charles F. Schmelz	open	
US468250	02/02/1892	18920202	ADDING AND PRINTING MACHINE	Joseph Mason & Samuel Shoulp	open	
US469766	01/03/1892	18920301	ADDING AND COUNTING APPARATUS	Otto R. Wohlang	open	
FR220550	31/03/1892	18920331	PERFECTIONNEMENT AUX MACHINES A CALCULER	Edwin J. Layton & Charles E. Layton	ouvrir	
FR221290	30/04/1892	18920430	MACHINE A ADDITIONNER	Pedro R. Mello	ouvrir	
US476350	07/06/1892	18920607	ADDING MACHINE	Joseph W. Wright	open	
US477416	21/06/1892	18920621	ADDING MACHINE	John S. Hilliard	open	sorte de Pascaline
US477563	21/06/1892	18920621	ADDING ATTACHMENT FOR CASH REGISTERING MACHIN	Sarah R. Massey	open	
US478361	05/07/1892	18920705	ADDING MACHINE	Samuel A. Potter	open	
US478885	12/07/1892	18920712	CALCULATING MACHINE	William M. McCafferty	open	
FR222999	15/07/1892	18920715	CALCULATEUR LOGARITHMIQUE A CYLINDRE	Henry Barnard	ouvrir	
FR222997	15/07/1892	18920715	MACHINE A ADDITIONNER	Samuel L. Huizer	ouvrir	Brevet US515228
US479343	19/07/1892	18920719	ADDING MACHINE	William H. Wilson	open	
US479629	26/07/1892	18920726	CALCULATOR	Charles H. Clarridge	open	
US479531	26/07/1892	18920726	ADDING MACHINE	Rinaldo S. Roberston	open	
US480367	09/08/1892	18920809	MACHINE FOR CALCULATING AND ILLUSTRATING LONGIT	William W. Hallett	open	
FR223939	29/08/1892	18920829	MULTIPLICATEUR AUTOMATIQUE	Adolph P. Eggis	ouvrir	
US481709	30/08/1892	18920830	CHECK PRINTING AND ADDING MACHINE	Carl W. Weiss	open	
US481728	30/08/1892	18920830	DEVICE FOR INSTRUCTION IN READING AND CALCULATIN	William W. Hallett	open	
US484814	25/10/1892	18921025	CALCULATING MACHINE	Francis C. Osborn	open	differential
US485214	01/11/1892	18921101	ADDING MACHINE	Oakes & Jackson	open	
FR225162	25/11/1892	18921125	MACHINE A CALCULER "ARITHMOMÈTRE"	Willgodt T. Odhner	ouvrir	
FR226351	15/12/1892	18921215	CALCULATEUR A CADRAN	Urbain Fourgous	ouvrir	calculateur à disque
US488206	20/12/1892	18921220	ADDING PENCIL	Charles D. Judd	open	
US526129	22/12/1892	18921222	MACHINE FOR COMPILING OR TABULATING STATISTICS	Herman Hollerith	open	Tabulating Machine Co.
US493117	07/03/1893	18930307	ADDING OR REGISTERING MACHINE	William A. Rithchie	open	
FR228628	14/03/1893	18930314	MACHINE A CALCULER	Otto Steiger	ouvrir	"La millionnaire", fabriquée par Hans EGLI
US493971	21/03/1893	18930321	ADDING MACHINE	Augustus J. Brooks	open	
FR229008	29/03/1893	18930329	APPAREIL DESTINÉ A FAIRE DES ADDITIONS	Knut E. Wiberg & Gustof F. Berndes	ouvrir	(revue COSMOS de 1863)
FR227736	05/05/1893	18930505	PERFECTIONNEMENTS DANS LES MACHINES A ADDITION	Charles H. Webb	ouvrir	Brevet US465120 compteur a disque
US497058	09/05/1893	18930509	ADDING MACHINE	Bradley H. Phillips	open	
FR230135	16/05/1893	18930516	MACHINE A ADDITIONNER	Bradley H. Phillips	ouvrir	
US500919	04/07/1893	18930704	ADDING DEVICE AND REGISTER	Thomas J. Lockwood	open	
US502217	25/07/1893	18930725	MECHANICAL CALCULATING DEVICE	David L. Albert	open	
US502184	25/07/1893	18930725	DEVICE FOR TEACHING ARITHMETICAL CALCULATIONS	José Gallegos	open	
US503986	29/08/1893	18930829	CALCULATING AND RECORDING MACHINE	George Richmond	open	
US504963	12/09/1893	18930912	CALCULATING MACHINE	William S. Burroughs	open	American Arithmometer Co.
US505078	12/09/1893	18930912	RECORDING DEVICE FOR CALCULATORS, &c	William S. Burroughs	open	American Arithmometer Co.
US504776	12/09/1893	18930912	CALCULATING DEVICE	James S. Duret	open	
FR233007	23/09/1893	18930923	"LE PYTHAGORE" SERVANT A EFFECTUER DES MULTIPLI	L. Vignes	ouvrir	
US507810	31/10/1893	18931031	ADDING MACHINE	William S. Gubelmann	open	
US508450	14/11/1893	18931114	ADDING MACHINE	Thomas A. Trent	open	
US509722	28/11/1893	18931128	ADDING MACHINE	Levi C. Dalton & George C. Myatt	open	
FR234630	30/11/1893	18931130	"LE PETIT CALCULATEUR" EFFECTUANT DES ADDITIONS	Louis Laforêt	ouvrir	(Scan Valéry Monnier)
US510522	12/12/1893	18931212	ADDING MACHINE	Frederick Shanisey	open	
FR234920	19/12/1893	18931219	MACHINE A ADDITIONNER ET A MULTIPLIER DES CHIFFRE	Ludvig Frankowski	ouvrir	
US510927	19/12/1893	18931219	ADDING AND REGISTERING MACHINE	William A. Neal	open	
US513452	23/01/1894	18940123	ADDING MACHINE	Lee S. Burridge & Newman R. Marshman	open	
US514785	13/02/1894	18940213	ADDING MACHINE	George D. Strayer	open	
US514725	13/02/1894	18940213	MULTIPLICATION	Willgodt T. Odhner	open	cité par HORSBURGH (brevet obtenu Norvège, Autriche-Hongrie, Belgique, France, Luxembourg, Grande-Bretagne et Suède)
US515228	20/02/1894	18940220	ADDING MACHINE	Samuel L. Huizer	open	
US516985	20/03/1894	18940320	ADDING MACHINE	William H. Clark	open	
US517383	27/03/1894	18940327	ADDING, SUBTRACTING AND RECORDING MACHINE	William W. Hopkins	open	Standard Adding Machine Co.
US517319	27/03/1894	18940327	ADDING APPARATUS	Knut E. Wiberg	open	cité par Peggy KIDWELL
US517291	27/03/1894	18940327	ADDING MACHINE	William K. Nichols	open	Brevet FR229008
FR237334	27/03/1894	18940327	MACHINE A ADDITIONNER, SOUSTRAIRE ET CALCULER	William W. Hopkins	ouvrir	(Scan Valéry Monnier)
US517735	03/04/1894	18940403	NUMERAL ADDING OR SUBTRACTING ATTACHMENT FOR	Jame D. Daugherty	open	
US518284	17/04/1894	18940417	CALCULATING MACHINE	Sherman R. Stallard	open	

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US518604	24/04/1894	18940424	ELECTRICAL CALCULATING SYSTEM	Herman Hollerith	Tabulating Machine Co.	open	
US518886	24/04/1894	18940424	TABULATING SYSTEM	Herman Hollerith	Tabulating Machine Co.	open	lecture de carte pneumatique
US519358	08/05/1894	18940508	ADDING MACHINE	Frank Sweet		open	
US519960	15/05/1894	18940515	ADDING MACHINE	Alfred B. Lennox		open	
US519973	15/05/1894	18940515	CALCULATING MACHINE	James A. Sewell		open	
US520040	22/05/1894	18940522	MECHANICAL MOVEMENT FOR CALCULATING MACHINES	Leo Ehrlich		open	retenue
FR239552	26/06/1894	18940626	MONTRE A CALCUL	Adolf Göttisch		ouvrir	(Scan Valéry Monnier)
US522097	26/06/1894	18940626	ELECTRICALLY OPERATED ADDING MACHINE	Robert Baumann		open	Compteur actionné par des relais
US522098	26/06/1894	18940626	ADDING MACHINE	Robert Baumann		open	
FR240145	18/07/1894	18940718	COMPTEUR CALCULATEUR TOTALISATEUR	Franz Walinofe		ouvrir	(Scan Valéry Monnier)
FR240574	06/08/1894	18940806	TAMBOUR MULTIPLIEUR	Otto Hillebrand		ouvrir	(Scan Valéry Monnier)
FR232766	12/09/1894	18940912	PERFECTIONNEMENTS DANS LES MACHINES A CALCUL	William S. Burroughs	American Arithmometer Co.	ouvrir	Brevets US504963 et US505078
US528596	06/11/1894	18941106	ADDING MACHINE	Horace D. Hicks		open	
FR243015	20/11/1894	18941120	MACHINE DOUBLE A CALCULER	W. Küttner		ouvrir	(Scan Valéry Monnier)
US529799	27/11/1894	18941127	ADDING MACHINE	Horace B. Martin		open	
US531277	18/12/1894	18941218	MULTIPLE ADDING MACHINE FOR CASH REGISTERS	Charles J. Ryberg		open	
US533336	29/01/1895	18950129	CALCULATING MACHINE	Arthur M. Allen		open	
US533361	29/01/1895	18950129	CALCULATING MACHINE	Charles S. Labofish		open	
US534184	12/02/1895	18950212	CASH ADDING AND DAILY RECEIPTS REGISTERING MECH	Joseph H. Voss		open	
US538807	07/05/1895	18950507	TYPE WRITING AND ADDING MACHINE	Jacob C. Wolfe	Jacob C. Wolfe & Isaac Boem	open	
US538710	07/05/1895	18950507	MULTIPLYING OR DIVIDING MACHINE	Otto Steiger		open	(Brevets obtenus Allemagne, France, Suisse) Alternative à Charles Thomas de Colmar/ machine Millionnaire de EGLI
US544360	13/08/1895	18950813	CALCULATING MACHINE	Charles S. Labofish		open	
US545089	27/08/1895	18950827	ADDING MACHINE	James L. McElyea		open	
US548563	22/10/1895	18951022	CALCULATING MACHINE	Will G. Lenker		open	Machine à Chaînes
US548837	29/10/1895	18951029	ADDING MACHINE	John E. Minott		open	
FR251424	04/11/1895	18951104	PERFECTIONNEMENTS AUX MACHINES A ADDITIONNER	Benjamin T. O'Brian		ouvrir	(Scan Valéry Monnier)
US549302	05/11/1895	18951105	ADDING MACHINE	E.V. Williams & S.W. Jameson		open	
US550030	19/11/1895	18951119	ARITHMOMETER	Beaumont E. Stonebraker		open	
US550764	03/12/1895	18951203	ADDING MACHINE	George H. Rogers		open	
US551520	17/12/1895	18951217	CALCULATING MACHINE FOR WEIGHTS AND VALUES	Charles C. Yeamans		open	
FR243763	18/12/1895	18951218	PERFECTIONNEMENTS AUX MACHINES A ADDITIONNER	George Niven		ouvrir	(Scan Valéry Monnier)
FR243763	18/12/1895	18951218	PERFECTIONNEMENTS AUX MACHINES A ADDITIONNER	George Niven		ouvrir	(Scan Valéry Monnier)
FR245420	27/12/1895	18951227	MACHINE A CALCULER DIVERSES VALEURS USUELLES	Edmund Schneider		ouvrir	(Scan Valéry Monnier)
US553107	14/01/1896	18960114	ADDING MACHINE	Albert L. Crowson		open	
US553331	21/01/1896	18960121	ADDING AND RECORDING MACHINE	Lee S. Burridge & Newman R. Marshman		open	
FR253889	12/02/1896	18960212	MACHINE A CALCULER	Eduard Runge		ouvrir	(Scan Valéry Monnier)
US554993	18/02/1896	18960218	COMBINED ADDING AND PRINTING MACHINE	George W. Dudley	Numerograph Manufacturing Co.	open	
US555038	18/02/1896	18960218	ADDING MACHINE	George W. Dudley	Numerograph Manufacturing Co.	open	
US555039	18/02/1896	18960218	COMBINED ADDING AND PRINTING MACHINE	George W. Dudley	Numerograph Manufacturing Co.	open	
US556720	17/03/1896	18960317	CALCULATING MACHINE	Léon Bollée		open	brevets obtenus en France, Grande Bretagne et Belgique) tables de Pythagore en relief (cité dans Joseph TURCK & Ernst MAF
US558913	21/04/1896	18960421	CALCULATING MACHINE	Otto Steiger		open	Machine ancêtre de MADAS
US561099	02/06/1896	18960602	CALCULATING MACHINE	Heinrich Esser		open	
US562143	16/06/1896	18960616	COUNTING OR ADDING MACHINE	John J. McGinty		open	
US563435	07/07/1896	18960707	ADDING MACHINE	Fred Wendt		open	
US565337	04/08/1896	18960804	AUTOMATIC PRINTING AND ADDING MACHINE	John H. Eickershoff		open	
US568020	22/09/1896	18960922	COMPUTING MACHINE	Dorr E. Felt	Felt	open	Brevet sur le Comptomètre
US568021	22/09/1896	18960922	PRINTING AND CALCULATING MACHINE	Dorr E. Felt	Felt	open	Brevet sur le Comptomètre
FR259892	22/09/1896	18960922	MACHINE PERFECTIONNEE A CALCULER ET A ÉCRIRE	Dorr E. Felt & Robert Tarrant		ouvrir	(Scan Valéry Monnier)
US568907	06/10/1896	18961006	DEVICE FOR AIDING WORK OF ADDITION	Albert L. Huffman		open	
US571070	10/11/1896	18961110	TAX CALCULATING MACHINE	Jonathan L. Knight		open	
FR261806	02/12/1896	18961202	PERFECTIONNEMENT AUX MACHINES A CALCULER	Natalis Grimme		ouvrir	(Scan Valéry Monnier)
US573228	15/12/1896	18961215	CALCULATING MACHINE	George W. MacKENZIE		open	
US573506	22/12/1896	18961222	CALCULATING DEVICE	Silas N. Dodd		open	
FR262466	23/12/1896	18961223	MÉCANISME D'ARRÊT POUR MACHINE A ADDITIONNER	Shohé Tanaka		ouvrir	(Scan Valéry Monnier)
US575287	12/01/1897	18970112	ADDING MACHINE	Charles H. Redding		open	
US575570	19/01/1897	18970119	COMBINED TYPE WRITING AND COMPUTING MACHINE	Holmes Marshall		open	
US578303	02/03/1897	18970302	TYPE WRITING AND ADDING MACHINE	Jacob C. Wolfe		open	
US579048	16/03/1897	18970316	TYPE WRITING ATTACHMENT FOR ADDING MACHINES	George W. Dudley	Numerograph Manufacturing Co.	open	
US579115	16/03/1897	18970316	ADDING AND REGISTERING MECHANISM	Charles H. Little		open	
US580783	13/04/1897	18970413	COMPUTING SCALE OR OTHER CALCULATING MAC	Frederick L. Fuller		open	
US580863	20/04/1897	18970420	CALCULATING MACHINE	DeKerniea Hiett		open	
US582634	18/05/1897	18970518	CALCULATING MACHINE	Eugene B. Frew		open	
US583192	25/05/1897	18970525	CASH REGISTER, INDICATOR AND ADDING MACHINE	Gull O. Brager		open	
FR268786	16/07/1897	18970716	MACHINE A CALCULER DITE "COMPOMETRE RUSSE"	Abraham Schabadt		ouvrir	Brevet US595347 (Scan Valéry Monnier)
FR269050	26/07/1897	18970726	SYSTÈME SIMPLE FACILE ET EFFICACE POUR ADDITIONNER	Levy Maybaum		ouvrir	(Scan Valéry Monnier)
US588260	17/08/1897	18970817	ADDING MACHINE	Charles H. Bigelow		open	
US588409	17/08/1897	18970817	ADDING MACHINE	William J. Ensworth		open	
US590097	14/09/1897	18970914	ADDING MACHINE	William J. Ensworth		open	
US590277	21/09/1897	18970921	ADDING MACHINE	Francis H. Richards		open	
US590972	05/10/1897	18971005	DUPLICATE PRINTING MECHANISM FOR ADDING MACHIN	Dorr E. Felt	Felt	open	Brevet sur le Comptomètre
US591900	19/10/1897	18971019	TYPOGRAPHICAL ADDING MACHINE	Thomas A. Trent		open	additionneur à clavier complet et imprimante
US592723	26/10/1897	18971026	ADDING PENCIL	William W. Brown		open	
US593715	16/11/1897	18971116	ADDING REGISTER	Charles H. Bigelow		open	
US593675	16/11/1897	18971116	CALCULATING MACHINE	Henry M. Minnis (machine à disque)		open	

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US594734	30/11/1897	18971130	ADDING MACHINE	Thomas Giguere	open	
FR272735	02/12/1897	18971202	MACHINE A ADDITIONNER "L'INDISPENSABLE"	Carlo Fossa-Mancini	ouvrir	(Scan Valéry Monnier)
US595009	07/12/1897	18971207	CALCULATING MACHINE	Elmer V. Williams & Edwin G. Williams	open	touches pressées de même course
US595347	14/12/1897	18971214	CALCULATING MACHINE	Abraham Schabadt	open	machine à chaîne
US595592	14/12/1897	18971214	ADDING MACHINE	George L. Ault	open	machine à disques
US595603	14/12/1897	18971214	CALCULATING MACHINE	John Byrne	open	
US595864	21/12/1897	18971221	PRINTING ATTACHMENT FOR CALCULATING MACHINES	William H. Pike	open	American Arithmometer Co.
US599899	01/03/1898	18980301	COMPUTING MACHINE	Charle H. Weber	open	
FR276889	12/04/1898	18980412	PERFECTIONNEMENT DANS UNE MACHINE AUTOMATIQUE	Charles C. Clifford	ouvrir	(Scan Valéry Monnier)
US602154	12/04/1898	18980412	ADDING MACHINE	Charles C. Clifford	open	
US604977	31/05/1898	18980531	APPARATUS FOR COPYING, REGISTERING, CHECKING AND RECORDING	Jules Frydmane (France)	open	
US605000	31/05/1898	18980531	CALCULATING DEVICE	Levy Maybaum	open	
US605288	07/06/1898	18980607	CALCULATING MACHINE	George B. Grant	open	Grant Calculating Machine Co.
US605789	14/06/1898	18980614	ADDING MACHINE	Robert E. Kimball	open	
US605705	14/06/1898	18980614	ADDING AND RECORDING APPARATUS	William J. Ensworth	open	
US605909	21/06/1898	18980621	CALCULATING MACHINE	George B. Peters & Edwin R. Peters	open	
US609885	30/08/1898	18980830	ADDING MACHINE	Omer H. Herr	open	machine à chaîne
FR281328	12/09/1898	18980912	MACHINE A ADDITIONNER	Waldemar Heinitz	ouvrir	(Scan Valéry Monnier)
US611269	27/09/1898	18980927	CALCULATING MACHINE	John McLeland	open	
US613395	01/11/1898	18981101	COMPUTING MACHINE	Joseph Perfeld & August Schneider	open	
FR282940	12/11/1898	18981112	MACHINE A CALCULER	Ivar Hultman, Knut Pauli & Julien Haglund	ouvrir	(Scan Valéry Monnier)
US614383	15/11/1898	18981115	ADDING MACHINE	William R. Gilbert	open	machine à ruban
US614454	22/11/1898	18981122	ADDING MACHINE	Myron T. Fish	open	disques concentriques
US615895	13/12/1898	18981213	CALCULATING MACHINE	William H. Pike	open	American Arithmometer Co.
US616132	20/12/1898	18981220	CALCULATING MACHINE	Alfred S. McCaskey	open	(ref. US504963) détails du clavier
US617094	03/01/1899	18990103	CALCULATING MACHINE	Henry Goldman	open	
US617323	10/01/1899	18990110	COMPUTING MACHINE	James E. Duncan	open	Machine à Chaînes
US617560	10/01/1899	18990110	TYPE WRITING AND ADDING MACHINE	Willard Bundy	open	calcul d'intérêts
US618158	24/01/1899	18990124	POSTAL DENOMINATING, REGISTERING AND ADDING MACHINE	Elmer E. Wolf	open	
US618427	31/01/1899	18990131	CALCULATING MACHINE	Jacob B. Moore	open	Jacob B. Moore (stylet à compter, indication de report)
US622157	28/03/1899	18990328	ADDING MACHINE	Tolbert Lanston	open	Tolbert Lanston (machine à clavier réduit)
US622470	04/04/1899	18990404	ADDING AND RECORDING MACHINE	Herman Hollerith	open	machine à clavier réduit et entrée séquentielle
FR287875	15/04/1899	18990415	SYSTÈME D'APPAREIL A CALCULER	Adolf Lange	ouvrir	(Scan Valéry Monnier)
US624788	09/05/1899	18990509	CALCULATING MACHINE	Henry Goldman	open	Machine à Chaînes
US624621	09/05/1899	18990509	CALCULATING DEVICE	John L. Brown	open	
FR288758	12/05/1899	18990512	CALCULATEUR	Charles Tregoning	ouvrir	(Scan Valéry Monnier)
US621879	28/05/1899	18990528	COMBINED TYPE WRITING AND ADDING MACHINE	Gus A. West	open	
US626524	06/06/1899	18990606	DEVICE FOR PROVING ADDITION	Charles H. Boehl	open	Casting out the nines (preuve par neuf)
US627715	27/06/1899	18990627	EXCHANGE TABLE AND COMPUTING MACHINE	Baptist E. Boyett	open	machine à disque
US627571	27/06/1899	18990627	ADDING MACHINE	Charles C. Clifford	open	Additionneur à clavier complet et levier
US627791	27/06/1899	18990627	CALCULATING MACHINE	Gustav Zeidler	open	
US628273	04/07/1899	18990704	CALCULATING MACHINE	James Mallmann	open	additionneuse à clavier complet
US629381	25/07/1899	18990725	DEVICE FOR OPERATING ADDING MACHINES	John H. Lovering	open	pédale pour machine à additionner à levier
FR291431	05/08/1899	18990805	PERFECTIONNEMENT DANS LA MACHINE A ADDITIONNER	Adam Hoch	ouvrir	Brevet US660108 (Scan Valéry Monnier)
US631231	15/08/1899	18990815	COUNTING OR ADDING MECHANISM FOR CASH REGISTERS	George Schister	open	propagation par train d'engrenage
US630904	15/08/1899	18990815	ADDING MACHINE	John Q. Long	open	machine à disque
US631345	22/08/1899	18990822	ADDING MACHINE	Joseph A. Turck	open	Mechanical Accountant Co.
US632074	29/08/1899	18990829	COMPUTING MACHINE	John J. Wall & Herman Rogalsky	open	Joseph TURCK a écrit en 1921 "origin of modern calculating machines"
US633374	19/09/1899	18990919	ADDING AND SUBTRACTING MACHINE	Arthur R. Ball & Albert T. Rigg	open	Machine pour les meuniers
US635670	24/10/1899	18991024	ADDING MACHINE	William H. Davis	open	Clavier complet, soustraction complet à 9
US637167	14/11/1899	18991114	CALCULATING MACHINE	Gustav Schwartz & Rudolf Schwarz	open	clavier réduit et distributeur
US638097	28/11/1899	18991128	CALCULATING MACHINE	Carr W. Cleveland & Rienzi L. Cleveland	open	moteur à poids
US638118	28/11/1899	18991128	CALCULATING MACHINE	DeKerniea Hiett	open	addition et soustraction
FR294804	29/11/1899	18991129	PERFECTIONNEMENTS DANS LES APPAREILS A COMPTER	Edward Moriarty	ouvrir	(Scan Valéry Monnier)
US638252	05/12/1899	18991205	ADDING MACHINE	Edward Le Fevre	open	machine à disque
US640584	02/01/1900	19000102	CALCULATING DEVICE	Remund Naish	open	brevet UK12347 de 1897
US641065	09/01/1900	19000109	CALCULATING MACHINE	Frank S. Baldwin	open	Multiplier/ diviser/ remise à zéro/ Table de Pythagore sur chaîne.
US640850	09/01/1900	19000109	ADDING MACHINE	Byron Work	open	machine à disque et à chaîne
US641517	16/01/1900	19000116	AUTOMATIC COMPUTING MACHINE	Charles E. Keel	open	
US641285	16/01/1900	19000116	POCKET CASH REGISTER	Henry D. Gardy & Taylor C. Burke	open	
US641363	16/01/1900	19000116	ADDING MACHINE	James E. Blacker	open	machine à clavier réduit
FR296950	07/02/1900	19000138	MACHINE A CALCULER	Edward Selling	ouvrir	Retenue (Scan Valéry Monnier)
US644287	27/02/1900	19000158	TABULATING MACHINE	Dorr E. Felt	open	
US646599	03/04/1900	19000194	ADDING MACHINE	Gilbert W. Chapin	open	machine portable
US647238	10/04/1900	19000201	COMPUTING AND LISTING MACHINE	William P. Shattuck	open	Clavier complet, imprimante, levier, grosse machine en fonte
US648126	24/04/1900	19000215	CASH REGISTER OR ADDING MACHINE	Richard Henning & Joseph Pallweber	open	Allemand, chassis en bois, brevet FR260453
US648125	24/04/1900	19000215	OPERATING DEVICE FOR CALCULATING MACHINE CASH	Woldemar Heinitz	open	Allemand
US648708	01/05/1900	19000222	PAPER CARRYING AND FEEDING ATTACHMENT FOR ADDING MACHINES	Woldemar Heinitz	open	Accessoire du "Burroughs Registering Accountant"
US649522	15/05/1900	19000236	CALCULATING MACHINE	Corwin H. Platt	open	Accumulateur 8 chiffres, stylet et crémaillères
US649522	15/05/1900	19000236	CALCULATING MACHINE	James Mallmann	open	Machine à crémaillères
US650066	22/05/1900	19000243	CALCULATING MACHINE	William Küttner	open	Allemand
US650066	22/05/1900	19000243	CALCULATING MACHINE	William Küttner	open	Allemand
FR303744	11/06/1900	19000263	PERFECTIONNEMENTS AUX MECANISMES DE MACHINES	Franz Trinks	ouvrir	Brunsviga Maschinenwerke (Gin Multiplication Odhner (Scan Valéry Monnier)
FR302138	12/07/1900	19000294	PERFECTIONNEMENTS AUX APPAREILS A CALCULER	Chow Ling Shang	ouvrir	(Scan Valéry Monnier)

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US654181	24/07/1900	19000306	CALCULATING MACHINE	Franck C. Rinsche	Universal Accountant Machine Co.	open	Clavier complet, imprimante, levier
US654992	31/07/1900	19000313	COMBINED TYPE WRITING AND COMPUTING MACHINE	Holmes Marshall	National Addograph Co.	open	référence au brevet US75570
FR302981	13/08/1900	19000326	MACHINE A CALCULER	Paul Haack		ouvrir	(Scan Valéry Monnier)
FR303502	04/09/1900	19000348	SYSTÈME PERFECTIONNEMENT DE MACHINE A ADDITION	Adolphus S. Dennis		ouvrir	(Scan Valéry Monnier) Brevet US657266
US657266	04/09/1900	19000348	TYPOGRAPHICAL ADDING MACHINE	Adolphus S. Dennis		open	
US657674	11/09/1900	19000355	CALCULATING MACHINE	William G. Powell		open	
FR303784	14/09/1900	19000358	MACHINE A ENREGISTRER ET ADDITIONNER	Franz Trinks	Brunsviga Maschinenwerke (Gin	ouvrir	clavier complet (Scan Valéry Monnier)
US660108	23/10/1900	19000397	ADDING MACHINE	Adam Hoch		open	
FR304985	31/10/1900	19000405	MACHINE A CALCULER DITE "ARITHMOCYCLE"	Nicolas Kotko		ouvrir	(Scan Valéry Monnier)
US661121	06/11/1900	19000411	CALCULATING MACHINE	Dorr E. Felt	Felt	open	Fait référence au brevet 05.10.1987
US661058	06/11/1900	19000411	CALCULATING DEVICE FOR TYPE WRITERS	Charles Labofish		open	Petit additionneur pour machine à écrire
US663890	18/12/1900	19000453	CALCULATING MACHINE	Hans J. Hanson		open	
US663891	18/12/1900	19000453	COMPUTING MACHINE	Hans J. Hanson		open	
US665118	01/01/1901	19000467	INTEREST COMPUTING MACHINE	Lars M. Landing		open	Cercle à calcul (pas une machine)
US666220	15/01/1901	19000481	ADDING MACHINE	Ira C. Hall		open	Machine pour additionner des colonnes de chiffres
US666499	22/01/1901	19000488	ADDING MACHINE	Jonathan H. Davis		open	
US666919	29/01/1901	19000495	CALCULATING MACHINE	William H. Clark	National Cash Register Co.	open	Fait référence au brevet 05.10.1987
US666643	29/01/1901	19000495	ATTACHMENT FOR ADDING MACHINES	Frank M. Bullock & Frederick C. Schatz		open	Dispositif pour actionner le levier d'une machine à additionner
US668612	19/02/1901	19000516	LETTER SHEET FORM FOR ARITHMOMETERS	Frank Spiekerman		open	
US669167	05/03/1901	19000530	ADDING AND PRINTING MACHINE	Adam Hoch		open	
US669168	05/03/1901	19000530	ADDING MACHINE	Adam Hoch		open	
US669286	05/03/1901	19000530	ADDING APPARATUS	Frederick H. Sandherr		open	
US669969	12/03/1901	19000537	CALCULATING MACHINE	Henry Goldman		open	
US671109	02/04/1901	19000558	CALCULATING MACHINE	Dorr E. Felt	Felt	open	duplex ??
US671152	02/04/1901	19000558	ADDING MACHINE	William G. Swan		open	
US674267	14/05/1901	19000600	ADDING MACHINE	Pierce Hubert		open	clavier complet
US679348	30/07/1901	19000677	CALCULATING MACHINE	Joseph A. Turck	Mechanical Accountant Co.	open	
US680340	13/08/1901	19000691	CALCULATING MACHINE	James Mallmann		open	
US680341	13/08/1901	19000691	CALCULATING MACHINE	James Mallmann		open	
US681292	27/08/1901	19000705	ADDING MACHINE	Arthur R. Ball		open	
US682755	17/09/1901	19000726	COMPUTING MACHINE	Scheinder & Perfler		open	
US683939	08/10/1901	19000747	ADDING AND RECORDING MACHINE	William W. Hopkins	Hopkins Adding Machine Co.	open	cité par Peggy KIDWELL
US684682	15/10/1901	19000754	ADDING MACHINE	Amos K. Erslund		open	
US686627	12/11/1901	19000782	COMBINED TYPE WRITING AND COMPUTING MACHINE	Holmes Marshall		open	
US689255	17/12/1901	19000817	ADDING MACHINE	James J. Walsh	The Morse & Walsh Co.	open	CALCUMETER (cité Robert OTNES & D. BÖLTER)
US689680	24/12/1901	19000824	CALCULATING MACHINE	Clarence E. Locke		open	ancêtre de la machine à crose
US689738	24/12/1901	19000824	COUNTING OR ADDING APPARATUS	Edward Moriarty		open	
US689447	24/12/1901	19000824	ADDING MACHINE	Franck A. Worden		open	
FR317236	28/12/1901	19000828	MULTIPLICATEUR BARIT	Charles Barit		open	Contient le mode d'emploi
US693958	25/02/1902	19000887	DUPLICATE PRINTING MECHANISM FOR ADDING MACHIN	Dorr E. Felt	Felt	open	Comptograph (amélioration de US590972 de 1897)
US694897	04/03/1902	19000894	CALCULATING MACHINE	James W. Sloss		open	(référence à US05078
US695217	11/03/1902	19000901	ADDING MACHINE	William A. Lanckton	Acme Adder Manufacturing Co.	open	
US695099	11/03/1902	19000901	CALCULATING MACHINE	Frank L. Fleismann		open	
US696173	25/03/1902	19000915	ADDING MACHINE	Adam Hoch	Wendling-Hoch adding machine C	open	
US696481	01/04/1902	19000922	ADDING MACHINE	Corwin H. Platt		open	machine pour aider au calcul mental
US696415	01/04/1902	19000922	ADDING AND SUBTRACTING MACHINE	William A. Day		open	
US698614	29/04/1902	19000950	TYPE WRITING AND ADDING MACHINE	Jacob C. Wolfe		open	Additionneur à ajouter à une machine à écrire
US699320	06/05/1902	19000957	ADDING MACHINE	DeKernia Hiatt		open	
US699807	13/05/1902	19000964	CALCULATING MACHINE	Louis Y. McConnell & Charles L. Raymond		open	
US700448	20/05/1902	19000971	ADDING DEVICE	Horace A. Smith		open	
US701721	03/06/1902	19000985	CALCULATING MACHINE	George F. Harrison		open	
US701611	03/06/1902	19000985	CALCULATING MACHINE	William G. Powell		open	
US702052	10/06/1902	19000992	ADDING MACHINE	Eugene Fitch	Union Typewriter Co.	open	machine à écrire additionneuse
US703330	24/06/1902	19001006	ADDING MACHINE	Edwin Wiswall		open	clavier complet, une crémaillère par touche
US703785	01/07/1902	19001013	CALCULATING MACHINE	Christian Hamann (Christel)		open	addition/soustraction multiplication/division circulaire (cité Kidwell, "Hamann Gauss Calculating Machine")
US704114	08/07/1902	19001020	COMPUTING MACHINE	Edmund Roenius		open	
US705838	29/07/1902	19001041	CALCULATING MACHINE	Christian Hamann (Christel)		open	multiplication / somme de produits
US706000	29/07/1902	19001041	ADDING MACHINE	Judah L. Levin		open	
US706375	05/08/1902	19001048	CALCULATING MACHINE	Frank S. Baldwin	Frank S. Baldwin	open	cité wikipedia
US707309	19/08/1902	19001062	ADDING MACHINE	E. Ellis & N.W. Perkins		open	
US709362	16/09/1902	19001090	CALCULATING MACHINE	Alexander C. Schuman	Spalding Coleman	open	
US709363	16/09/1902	19001090	COMPUTING MACHINE	Alexander C. Schuman	Spalding Coleman	open	
US709364	16/09/1902	19001090	DATING ATTACHMENT FOR CALCULATING MACHINES	Alexander C. Schuman	Spalding Coleman	open	
US709365	16/09/1902	19001090	CALCULATING MACHINE	Alexander C. Schuman	Spalding Coleman	open	
US709244	16/09/1902	19001090	CALCULATING-MACHINE	Franck C. Rinsche		open	
US709477	23/09/1902	19001097	ADDING MACHINE	Eugene Fitch	Union Typewriter Co.	open	machine à écrire additionneuse
US710772	07/10/1902	19001111	CALCULATING MACHINE	Hyman E. Goldberg		open	Propagation par croix de malte
US711487	21/10/1902	19001125	TABULATING MACHINE	Dorr E. Felt	Comptograph Co.	open	cité Ernst MARTIN
US712381	28/10/1902	19001132	CALCULATING MACHINE	John T. Howieson		open	
US712777	04/11/1902	19001139	RECORDING AND ADDING MACHINE	George W. Dudley	Numerograph Manufacturing Co.	open	
US712795	04/11/1902	19001139	CALCULATING MACHINE	Adam Hoch	Wendling-Hoch adding machine C	open	
US712518	04/11/1902	19001139	CALCULATING MACHINE	Hyman E. Goldberg		open	Propagation par croix de malte (suite de US710772)
US714151	25/11/1902	19001160	ADDING MACHINE	Francis E. Coffeen		open	
US715460	09/12/1902	19001174	GRAVITY COMPUTING MACHINE	John M. Daly		open	machine à billes

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US715461	09/12/1902	19001174	COMPUTING MACHINE	John M. Daly		open	machine à billes
US717396	30/12/1902	19001195	CALCULATING MACHINE	DeKernia Hiett		open	
US717126	30/12/1902	19001195	ADDING AND LISTING MACHINE	William P. Shattuck		open	machine à clavier complet à vis
US717762	06/01/1903	19001202	ELECTRICALLY OPERATED CALCULATING MACHINE	Franck C. Rinsche	Universal Accountant Machine Co.	open	Moteur électrique sous la table
US718390	13/01/1903	19001209	TYPE WRITING MACHINE	Alexander C. Schuman	Spalding Coleman	open	
US719701	03/02/1903	19001230	CALCULATOR	John M. Steele		open	
US720086	10/02/1903	19001237	CALCULATING MACHINE	Joseph A. Turck	Mechanical Accountant Co.	open	
US724007	31/03/1903	19001286	CALCULATING MACHINE	DeKernia Hiett		open	
US725242	14/04/1903	19001300	CALCULATING MACHINE	Nathan Goldfarb		open	
US726803	28/04/1903	19001314	CALCULATING MACHINE	Franck C. Rinsche	Universal Accountant Machine Co.	open	premier moteur électrique, cité par Stephan Weiss & Joseph TURCK
US726586	28/04/1903	19001314	ADDING MACHINE	Albert H. Stanton		open	
US727392	05/05/1903	19001321	ADDING MACHINE	Judah L. Levin		open	
US726959	05/05/1903	19001321	COMBINED WRITING AND ADDING MACHINE	Levy Maybaum		open	
US728223	19/05/1903	19001335	ADDING MACHINE	Albert Gilpin		open	
US730281	09/06/1903	19001356	ADDING MACHINE	George F. Meier		open	
US731958	23/06/1903	19001370	ADDING ATTACHMENT FOR TYPE WRITING MACHINES	Alexander C. Schuman	Spalding Coleman	open	Machine à additionner complément d'une machine à écrire
US731944	23/06/1903	19001370	CALCULATING MACHINE	Edmund Peycke		open	Compteur de poche 4 chiffres en base 100 00 00 00 00
US731857	23/06/1903	19001370	ELECTRIC MOTOR	Penrose E. Chapman		open	Moteur électrique à installer sous une table. Pour : Machine à additionner.
US732985	07/07/1903	19001384	SCHEDULE AND TRAIN CALCULATING MACHINE	James M. Wilson & John B. Dalton		open	Calculateur analogique d'horaire de trains
US733379	14/07/1903	19001391	CASING FOR KEY OPERATED MACHINE	Dorr E. Felt	Felt	open	famous "case design" patent
USD_36437	14/07/1903	19001391	DESIGN FOR A METAL STAND FOR ADDING MACHINES	H. Poesche		open	Table support de machine à additionner
US735291	04/08/1903	19001412	CALCULATING MACHINE	C.F. Pidgin		open	Compteur électromécanique avec propagation de retenue
US738934	15/09/1903	19001454	PRINTING ATTACHMENT FOR CALCULATING MACHINES	William H. Pike	Pike Adding Machine Co.	open	
US740522	06/10/1903	19001475	MACHINE FOR ADDING AND SUBTRACTING INTEGERS AND FRACTIONS			open	
US741961	20/10/1903	19001489	CALCULATING MACHINE	Hyman E. Goldberg		open	
US742810	27/10/1903	19001496	ADDING REGISTER	Hugh G. White		open	Machine a additionner des colonnes de chiffres en base 20
US743113	03/11/1903	19001503	COMPUTING MACHINE	Joseph W. Todd		open	Machine faisant apparaître des données stockées dans un tambour
US743350	03/11/1903	19001503	INDICATING MECHANISM	William T. Treadway		open	Machine d'affichage
US743904	10/11/1903	19001510	COMBINED TYPE WRITING AND COMPUTING MACHINE	Holmes Marshall	American Arithmograph Co.	open	
US744004	10/11/1903	19001510	ARITHMO GRAPH	Halcold Ellis		open	Machine à écrire avec clavier numérique complet
US744407	17/11/1903	19001517	COUNTING MECHANISM	Franck C. Rinsche	Universal Accountant Machine Co.	open	cité par Peggy KIDWELL
US744697	17/11/1903	19001517	CALCULATING MACHINE	Charles Stahlberg		open	Machine à additionner à clavier complet et imprimante
US745024	24/11/1903	19001524	CALCULATING MACHINE	James Mailmann		open	Machine à additionner à clavier complet et imprimante
US745149	24/11/1903	19001524	CALCULATING MACHINE	Willard Bundy & Alonzo R. Boynton		open	
US745562	01/12/1903	19001531	CALCULATING MACHINE	Aaron E. Bergey		open	
US745539	01/12/1903	19001531	ADDING MACHINE	Charles Wales		open	Machine à additionner à clavier complet , affichage à rouleaux
US745991	08/12/1903	19001538	COMPUTING AND RECORDING MACHINE	Frank S. Baldwin	Frank S. Baldwin	open	additionneur à clavier réduit et distributeur
US745995	08/12/1903	19001538	CALCULATING MACHINE	Aaron E. Bergey		open	
US746352	08/12/1903	19001538	POCKET ADDER AND SUBTRACTER	Taylor M. Minor		open	Additionneur/soustracteur en forme d'oignonmontre de gousset
US746924	15/12/1903	19001545	CALCULATING MACHINE	Otho E. Cloud	American Addograph Co.	open	Machine à additionner à clavier complet et imprimante
US748158	29/12/1903	19001559	ATTACHMENT FOR CALCULATING; PRINTING OR ANALOG	Alonzo R. Boynton		open	
US748039	29/12/1903	19001559	CALCULATING AND RECORDING MACHINE	Clarence D. Baird		open	
US747977	29/12/1903	19001559	CALCULATING MACHINE	Heinrich Kaussen		open	
US748924	05/01/1904	19001566	ADDING MACHINE	Francis Buresh		open	
US748766	05/01/1904	19001566	AUTOMATIC ATTACHMENT FOR ADDING MACHINES	Holmes Marshall		open	
US749177	12/01/1904	19001573	CALCULATING MACHINE	Dorr E. Felt	Comptograph Co.	open	Clavier complet, imprimante, levier, très grosse machine
US749473	12/01/1904	19001573	ADDING MACHINE	Lester Cerf		open	
US750734	26/01/1904	19001587	ADDING MACHINE	Philip H. Thomson		open	
US751032	02/02/1904	19001594	ADDING MACHINE	Andrew P. Watt		open	
US751207	02/02/1904	19001594	CALCULATING MACHINE	Franck C. Rinsche		open	
US751706	09/02/1904	19001601	COMPUTING MACHINE	Frank W. Weys		open	
US751670	09/02/1904	19001601	CALCULATING MACHINE	Thomas E. McCarty		open	
US753586	01/03/1904	19001622	AUTOMATIC ADDING AND, SUBTRACTING APPARATUS	Nobuyoshi H. Kodama		open	Additionneur/soustracteur à pose par ruban perforé
US754836	15/03/1904	19001636	CALCULATING AND RECORDING MACHINE	Clarence D. Baird		open	
US756168	29/03/1904	19001650	CALCULATING MACHINE	Albert C. Jackson	American Arithmometer Co	open	
US756280	05/04/1904	19001657	ADDING MACHINE	Conwin H. Platt		open	
US757508	19/04/1904	19001671	COMPUTING MACHINE	James A. Scott & William E. Taylor		open	
US758371	26/04/1904	19001678	ADDING ATTACHMENT FOR TYPE WRITERS	John W. Magness		open	
US758198	26/04/1904	19001678	ADDING MACHINE	Theodore A. Wheeler		open	
US759164	03/05/1904	19001685	COMPUTING MACHINE	Charles W. Draper		open	
US759478	10/05/1904	19001692	ADDING MACHINE	Richard Sears		open	
US759944	17/05/1904	19001699	HANDLE RETARDING MECHANISM FOR CALCULATING M	Charles Wales		open	
US759848	17/05/1904	19001699	RIBBON MECHANISM FOR CALCULATING MACHINES	Clarence D. Baird		open	Impression sur un ruban de papier
US761948	07/06/1904	19001720	TYPE WRITING ATTACHMENT FOR ADDING MACHINES	Edwin B. Cram		open	
US762520	14/06/1904	19001720	CALCULATING MACHINE	Dorr E. Felt	Felt	open	Machine à additionner à clavier complet et à crémaillère (cité dans Joseph TURCK & Ernst MARTIN)
US762521	14/06/1904	19001727	REGISTERING MECHANISM FOR CALCULATING MACHINE	Dorr E. Felt	Felt	open	suite précédent (cité dans Joseph TURCK & Ernst MARTIN)
US762928	21/06/1904	19001734	ACTUATING MEANS FOR CALCULATING MACHINES	Fred P. McBerty		open	
US763692	28/06/1904	19001741	ADDING AND RECORDING MACHINE	William H. Pike	Pike Adding Machine Co.	open	
US764068	05/07/1904	19001748	CALCULATING MECHANISM	Edward H. Palmer		open	
US764387	05/07/1904	19001748	CALCULATING MACHINE	Russell E. Spivey		open	
US765573	19/07/1904	19001762	COMPOSING DISK FOR CASH REGISTERS OR ADDING M	Jules Frydmane & Louis Chambon (France)		open	
US766142	26/07/1904	19001769	ADDING MACHINE	Eugene Fitch	Union Typewriter Co.	open	
US765774	26/07/1904	19001769	CALCULATING MACHINE	Hyman E. Goldberg		open	
US767871	16/08/1904	19001790	ADDING-MACHINE	Royal Corbin		open	Machine de poche à additionner jusqu'à 200

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US767468	16/08/1904	19001790	CALCULATING MACHINE	William F. Xaxley	open	
US768097	23/08/1904	19001797	CORRECTING MECHANISM FOR ADDING MACHINES	Charles Wales	open	
US768089	23/08/1904	19001797	INTEREST COMPUTING MACHINE	Ira N. Sweet	open	
US769614	06/09/1904	19001811	REPETITION MEANS FOR CALCULATING MACHINE	Kurt Kelling	open	Brunsviga Maschinenwerke (Gin
US770061	13/09/1904	19001818	CALCULATING MACHINE	Charles M. Furman	open	
US769892	13/09/1904	19001818	ADDING MACHINE	Stephen H. Drysdale	open	
US770875	27/09/1904	19001832	ADDING MACHINE	Waller R. Staples	open	
US771505	04/10/1904	19001839	ADDING MACHINE	Charles Stahlberg	open	
US772623	18/10/1904	19001853	CALCULATING MACHINE	Max Mayer	open	
US773057	25/10/1904	19001860	COMPUTER AND PRINTER	William H. Clark	open	National Cash Register Co.
US773235	25/10/1904	19001860	LOGARITHMIC CALCULATOR	Elmer A. Sperry	open	Sperry co. Règle à calcul logarithmique circulaire. Forme et taille d'une montre.
US773100	25/10/1904	19001860	CALCULATING MACHINE	William Rabish	open	
US773549	01/11/1904	19001867	COMPUTING MACHINE	Alfred T. Deane	open	
US773632	01/11/1904	19001867	CALCULATING MACHINE	Emory S. Ensign	open	Machine pour calculer l'excédent de bagage
US775939	29/11/1904	19001895	CALCULATING MACHINE	Bertram H. Saunders	open	Addition et multiplication semi-automatique
US776616	06/12/1904	19001902	ADDING MACHINE	George Rainey	open	Machine à multiplication directe
US777797	20/12/1904	19001916	CALCULATING MACHINE	James Mallmann	open	Machine à chaînes
US778595	27/12/1904	19001923	COMBINED TYPE WRITING AND ADDING MACHINE	Emil N. Miller	open	Facturière à clavier complet
USRE12296	27/12/1904	19001923	COMPUTING MACHINE	Harry H. Helmick	open	adding typewriter co.
US778447	27/12/1904	19001923	ADDING AND SUBTRACTING MACHINE	Rienzi L. Cleveland	open	Machine à calculer avec imprimante (re-issued) Clavier réduit
US778965	03/01/1905	19001930	CALCULATING MACHINE	John P. Harrison	open	Machine à chaînes
US779802	10/01/1905	19001937	DRIVING MECHANISM FOR CALCULATING MACHINES	Franch C. Rinsche	open	Machine clavier complet et imprimante. Imprime les nombres en colonne puis imprime leur somme.
US780271	17/01/1905	19001944	TABULATING MACHINE	Dorr E. Felt	open	Universal Accountant Machine Co.
US780272	17/01/1905	19001944	TABULATING MACHINE	Dorr E. Felt	open	Comptograph Co. cité dans Ernst MARTIN
US780273	17/01/1905	19001944	TABULATING MACHINE	Dorr E. Felt	open	Comptograph Co. cité dans Ernst MARTIN
US780907	24/01/1905	19001951	CALCULATING MACHINE	Edmund Ocuppaugh	open	Comptograph Co. cité dans Ernst MARTIN
US781364	31/01/1905	19001958	CALCULATING MACHINE	William H. Robertson	open	
US782554	14/02/1905	19001972	CALCULATING MACHINE	Hyman E. Goldberg	open	Machine circulaire. Addition, multiplication, division
US786282	04/04/1905	19002021	CALCULATING MACHINE	Henry Goldman	open	Cité dans US893724
US786493	04/04/1905	19002021	ADDING AND RECORDING MACHINE	Charles B. Gartrell	open	Machine à chaînes
US789099	02/05/1905	19002049	ADDING MACHINE	Marquis H. Lockwood	open	Original brevet machine à additionner à touches avec imprimante
US789143	09/05/1905	19002056	CALCULATING MACHINE	William H. Clark	open	National Cash Register Co. Machine à additionner à circulation de billes. Affichage thermométrique à billes. Clavier complet
US791941	06/06/1905	19002084	RECORDING MECHANISM FOR ADDING MACHINES	William H. Pike	open	Pike Adding Machine Co.
US792041	13/06/1905	19002091	ADDING MACHINE	Charles W. Horn	open	Petite machine à ajouter des chiffres
US793340	27/06/1905	19002105	ADDING MACHINE	George B. Beale	open	Petite machine à ajouter des chiffres
US794205	11/07/1905	19002119	PRINTING MECHANISM FOR ADDING MACHINES	Charles Wales	open	Adder machine Co.
US795377	25/07/1905	19002133	PAPER SPACING MECHANISM FOR ADDING MACHINES	Charles Wales	open	Adder machine Co.
US796024	01/08/1905	19002140	INKING MECHANISM FOR ADDING MACHINES	Charles Wales	open	Adder machine Co.
US796617	08/08/1905	19002147	RIBBON FEEDING MECHANISM FOR ADDING MACHINES	Charles Wales	open	Adder machine Co.
US797032	15/08/1905	19002154	ADDING AND PRINTING MACHINE	Charles Wales	open	Adder machine Co. Clavier complet, 9 chiffres
US859552	22/09/1905	19002192	CALCULATING MACHINE	Emory S. Ensign	open	
US800959	03/10/1905	19002203	ADDING MACHINE	Robert E. Wageley & John F. Stocke	open	Ajout d'une touche pour correction. Transmission par chaîne.
US801163	03/10/1905	19002203	CALCULATING MACHINE	Sherman R. Strallard	open	
US804463	14/11/1905	19002245	CALCULATING MACHINE	Hyman E. Goldberg	open	
US806051	28/11/1905	19002259	ADDING MACHINE	Augustin M. Benedict	open	Additionneur type Pascaline à propagation par bielle et cliquet
US809075	02/01/1906	19002294	CALCULATOR	Alexander Rechnitzer	open	Autarit-Gesellschaft MBH cité par George CHASE
US825205	03/05/1906	19002415	ADDING MACHINE	Claiborne W. Gooch & W.S. Burrou	open	Burroughs Adding Machine Co. "split keyboard" cité par Joseph TURCK & Ernst MARTIN
US823375	12/06/1906	19002455	CALCULATING MACHINE	Franz Trinks	open	Brunsviga Maschinenwerke (Gin Multiplication Odhner
US823474	12/06/1906	19002455	ADDING MACHINE	Alvan MacAuley	open	Burroughs Adding Machine Co. imprime marque spéciale pour signaler le retour à zéro, cité par Joseph TURCK
US832666	09/10/1906	19002574	CALCULATING MACHINE	Christian Hamann	open	
CH38362A	11/11/1906	19002607	ADDIERAPPARAT	Karl Karasek & Johannes Aumond	open	
US836130	20/11/1906	19002614	ADDING MACHINE	Charles N. McFarland	open	
US838996	18/12/1906	19002644	CALCULATING MACHINE	John T. Howieson	open	American Arithmograph Co.
US843506	05/02/1907	19002693	ADJUSTING LEVER ARRANGEMENT FOR CALCULATING M	Franz Trinks	open	Brunsviga Maschinenwerke (Gin
US844519	19/02/1907	19002707	MULTIPLYING AND TYPE-WRITING MACHINE	William W. Hopkins	open	Moon-Hopkins billing Co. Moon-Hopkins (cité par Peggy KIDWELL et par George CHASE)
US845747	05/03/1907	19002721	CALCULATING MACHINE	Walter R. Bonham	open	Addition propagation retenue cité par Detlev BÖLTER ("CALCULATOR" ancêtre du "LIGTHNING CALCULATOR")
US853543	14/05/1907	19002791	TABULATING MACHINE	Dorr E. Felt & Charles P. Wetmore	open	Comptograph Co. comptograph co. (cité par Joseph TURCK) clé de correction
US858548	02/07/1907	19002840	ADDING MACHINE	Jess G. Vincent	open	Burroughs Adding Machine Co. (gros moteur électrique sous la machine, commandé par une touche sur le tableau) Class 1, Model 2
US858974	02/07/1907	19002840	COMPUTING DEVICE	Frank P. Glasner & Johnson J. Glasier	open	Addition propagation retenue
US885202	24/10/1907	19002954	ADDING AND LISTING MACHINE	William E. Swalm	open	Burroughs Adding Machine Co. (ref. US504963 et US505078) (cité par Ernst MARTIN) total et sous-total
US879449	18/02/1908	19003071	CALCULATING MACHINE	Emory S. Ensign	open	
US936087	18/04/1908	19003131	ADDING MACHINE	Roy L. Burd	open	Burroughs Adding Machine Co. "splitting" (impression sur 2 colonnes)
US885514	21/04/1908	19003134	CALCULATING MACHINE	Valentin J. Odhner	open	(ref. US209416 et US514725) retour à zéro
US889668	02/05/1908	19003145	CALCULATING MACHINE	Emory S. Ensign	open	Multiplication semi-automatique
US890960	16/05/1908	19003159	ELECTRICALLY OPERATED ADDING MACHINE	Roy L. Burd	open	Burroughs Adding Machine Co. gros moteur électrique sous la table
US889671	02/06/1908	19003176	TOTAL PRINTING MECHANISM FOR LISTING MACHINES	Dorr E. Felt & Charles P. Wetmore	open	Comptograph Co. impression du total
US890888	16/06/1908	19003190	CALCULATING AND RECORDING MACHINE	Frank S. Baldwin	open	Pose par clavier, imprimante, ancêtre de Monroe, cylindre de Leibniz coupé en 2, cité par George CHASE
US893720	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	open	Goldberg Calculating Machine Co. Machine à additionner attaché à une machine à écrire (retenue)
US893721	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	open	Goldberg Calculating Machine Co.
US893722	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	open	Goldberg Calculating Machine Co.
US893723	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	open	Goldberg Calculating Machine Co. Addition ou soustraction, différentiel
US893724	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	open	Goldberg Calculating Machine Co. Ressemble à l'additionneur de Tchebichev
US893725	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	open	Goldberg Calculating Machine Co. Montre une propagation de retenue dicrète (Thebishev est continue)
US893726	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	open	Goldberg Calculating Machine Co.

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US893727	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	Goldberg Calculating Machine Co.	open	
US893728	21/07/1908	19003225	CALCULATING MACHINE	Hyman E. Goldberg	Goldberg Calculating Machine Co.	open	
US893717	21/07/1908	19003225	CALCULATING MACHINE	John C. Wahl	Wahl Adding Macine Co.	open	Machine addition/soustraction attachée à une machine à écrire
US893718	21/07/1908	19003225	CALCULATING MACHINE	John C. Wahl	Wahl Adding Macine Co.	open	
US893719	21/07/1908	19003225	CALCULATING MACHINE	John C. Wahl	Wahl Adding Macine Co.	open	
US897688	01/09/1908	19003267	RESETTING DEVICE FOR ADDING MACHINE	James J. Walsh		open	CALCUMETER (cité Robert Otnes)
US899965	29/09/1908	19003295	ADDING MACHINE	Harvey L. Fisher	Burroughs Adding Machine Co.	open	(ref. US504963 et US505078)
US899983	29/09/1908	19003295	ADDING MACHINE	William S. Horry	Burroughs Adding Machine Co.	open	Burroughs (gros moteur électrique à côté de la machine)
GB8893	14/10/1908	19003310	IMPROVEMENT RELATING TO ARITHMOMETER	Léontine Payen		open	Héritière Charles Thomas de Colmar
US904561	24/11/1908	19003351	OPERATING DEVICE FOE CALCULATING MACHINES	William H. Pike	Pike Adding Machine Co.	open	
US928083	13/07/1909	19003582	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	(Cité par Horsburgh) Propagation retenue Multiplication Odhner
US935565	28/09/1909	19003659	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US948636	08/02/1910	19003792	ADDING MACHINE	Franck C. Rinsche	Universal Accountant Machine Co.	open	cité par Peggy KIDWELL
US957062	03/05/1910	19003876	CALCULATING MACHINE	Erwin Jahnz	Brunsviga Maschineneerwerke (Gin	open	
US908430	07/05/1910	19003880	ADDING MACHINE	Jess G. Vincent	Burroughs Adding Machine Co.	open	(ref. US504963 et US505078) "spliting" de la retenue pour imprimer 2 colonnes
US960853	07/06/1910	19003911	ADDING AND RECORDING MACHINE	George W. Dudley	Numerograph Manufacturing Co.	open	
FR414790	28/06/1910	19003932	MACHINE A CALCULER	François-Georges Volmerange	A RECHERCHER	ouvrir	cité par Stephan WEISS
US968005	23/07/1910	19003957	ADDING AND LISTING MACHINE	Jess G. Vincent	Burroughs Adding Machine Co.	open	cité par Joseph TURCK
US960528	16/09/1910	19004012	CALCULATING MACHINE	Dorr E. Felt	Felt	open	Brevet fondateur retenue propagée avec délai
US990317	25/04/1911	19004233	POWER DRIVE FOR ADDING MACHINES	William S. Burroughs	Burroughs Adding Machine Co.	open	moteur électrique sous la machine, filled 1906
CH55976A	06/05/1911	19004244	MACHINE A MULTIPLIER PAR ADDITIONS REPETEEES	"La calculatrice électrique"		ouvrir	Multipliatrice roues de Odhner, un seul levier pour addition/décalage
US992950	23/05/1911	19004261	CALCULATING MACHINE	Dorr E. Felt	Felt	open	First "controlled key" patent
US993708	30/05/1911	19004268	MECHANISM FOR DISENGAGING ANCHOR-ESCAPEMENT	Valentin J. Odhner		open	
US997483	11/07/1911	19004310	MECHANICAL CALCULATOR	Frank E. Webner	American Mechanical Calculator C	open	
US1001688	29/08/1911	19004359	ADDING MACHINE	Franck C. Rinsche	Universal Accountant Machine Co.	open	cité par Peggy KIDWELL
US1011617	12/12/1911	19004464	CALCULATING MACHINE	Christel HAMANN	Mercedes Bureau-Maschinen	open	Cité par George CHASE
US1016501	06/02/1912	19004520	ADDING-MACHINE	Allen A. Horton /W. S. Burroughs	Burroughs Adding Machine Co.	open	"Burroughs Calculator"/addition différentielle/Reférencé par 1128679
US1018371	20/02/1912	19004534	ADDING MACHINE	George B. Putnam	Burroughs Adding Machine Co.	open	
US1017843	20/02/1912	19004534	TRANSFER MECHANISM FOR CALCULATING-MACHINES	Glenn J. Barrett	Barret adding machine Co.	open	
US1022280	02/04/1912	19004576	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	propagation retenue / Multiplication Odhner
US1023235	16/04/1912	19004590	CALCULATING-MACHINE	Glenn J. Barrett	Barret adding machine Co.	open	
US1028149	22/04/1912	19004596	ADDING MACHINE	William E. Swalm	Burroughs Adding Machine Co.	open	Soustraction directe cité par Joseph TURCK & Ernst MARTIN
US1028133	04/05/1912	19004608	ADDING MACHINE	Herbert C. Peters	Burroughs Adding Machine Co.	open	coupure de la retenue, cité par Joseph TURCK
US1026064	14/05/1912	19004618	MECHANICAL CALCULATOR	Frank E. Webner	American Mechanical Calculator C	open	
US1027511	28/05/1912	19004632	ADDING AND SUBTRACTING MACHINE	Jess G. Vincent	Burroughs Adding Machine Co.	open	
US1033109	23/07/1912	19004688	ADDING MACHINE	Charles A. Lundgren	Burroughs Adding Machine Co.	open	
US1033932	30/07/1912	19004695	ADDING AND RECORDING MACHINE	Joseph Raber	Dalton Adding machine Co.	open	
US1040059	01/08/1912	19004697	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US1038464	10/09/1912	19004737	CALCULATING MACHINE	Franz Trinks & Carl Schaller	Brunsviga Maschineneerwerke (Gin	open	Multiplication continue Odhner
US1039614	24/09/1912	19004751	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US1039130	24/09/1912	19004751	ADDING AND WRITING MACHINE	Hubert Hopkins	Addograph Manufacturing Co.	open	cité par Peggy KIDWELL
FR16373E	05/11/1912	19004793	MACHINE POUR LE CALCUL DES INTERETS	Rechenmaschinen-fabrick Matzner	Rechenmaschine Fabrick Matzner	ouvrir	Brevet Hongrois
US1049093	31/12/1912	19004849	ADDING AND WRITING MACHINE	Hubert Hopkins	Addograph Manufacturing Co.	open	cité par Peggy KIDWELL
US1050041	07/01/1913	19004856	CALCULATING-MACHINE	Franck C. Rinsche		open	cité par Peggy KIDWELL
US1052811	11/01/1913	19004860	RECORDING MECHANISM	John O. Almen	Burroughs Adding Machine Co.	open	impression sur deux colonnes cité par Joseph TURCK
US1060878	06/05/1913	19004975	CALCULATING MACHINE	John O. Almen	Continental Computing Cash Regis	open	Addition/soustraction/multiplication/division, 3 chiffres, Différentiel
US1061137	05/06/1913	19005005	RESETTING MECHANISM FOR CALCULATING MACHINE	Ferdinand Stemmler	Brunsviga Maschineneerwerke (Gin	open	Cité par Ellice M. HORSBURGH
US1065674	24/06/1913	19005024	ADDING MACHINE	Harvey L. Fisher	Burroughs Adding Machine Co.	open	Burroughs
US1075073	07/10/1913	19005129	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US1080245	02/12/1913	19005185	CALCULATING MACHINE	Franck S. Baldwin	Monroe Calculating Machine Co.	open	cylinde de Leibniz coupé en 2, référencé US1306606
US1088485	24/02/1914	19005269	DEVICE FOR PREVENTING THE OVERTHROW OF GEARS	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US1094470	28/04/1914	19005332	ADDING AND RECORDING MACHINE	William H. Pike	Pike Adding Machine Co.	open	
US1095545	05/05/1914	19005339	ADDING MACHINE	Michel Baum & Joseph Wimmer		open	Addition propagation retenue cité par Detlev BÖLTER
US1098193	26/05/1914	19005360	CARRYING MECHANISM FOR CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US1100631	16/06/1914	19005381	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	Multiplication Odhner
US1108119	25/08/1914	19005451	ITEM COUNTER FOR CALCULATING MACHINE	Glenn J. Barrett	Barret adding machine Co.	open	
US1119967	08/12/1914	19005556	ADDING MACHINE	Harry Landsiedel	Dalton Adding machine Co.	open	
US1120746	15/12/1914	19005563	ADDING MACHINE	Franck C. Rinsche	Burroughs Adding Machine Co.	open	
US1128679	16/02/1915	19005626	CALCULATING MACHINE	Claibone W. Gooch	Burroughs Adding Machine Co.	open	Planetary (différentiel) Décrit le report différentiel référence à US1016501
US1131620	09/03/1915	19005647	CALCULATING MACHINE	Claibone W. Gooch	Burroughs Adding Machine Co.	open	
US1149872	10/08/1915	19005801	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US1162667	30/11/1915	19005913	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	
US1180398	25/04/1916	19006060	ADDING MACHINE	Allen H. Horton	Burroughs Adding Machine Co.	open	Planetary (différentiel)
US1194900	15/08/1916	19006172	COMPUTING OR CALCULATING-MACHINE	Franz Trinks & Ferdinand Stemmler	Brunsviga Maschineneerwerke (Gin	open	
US1197538	05/09/1916	19006193	CARRYING MECHANISM FOR CALCULATING MACHINES	Edgar E. Phinney	Monroe Calculating Machine Co.	open	Hélice de retenues
US1202763	24/10/1916	19006242	ALGEBRAIC TOTALIZER	Arthur F. Poolle	Wahl Adding Macine Co.	open	Addition signée / explique retenue bouclée
US1208375	12/12/1916	19006291	LINE SPACING MECHANISM FOR ADDING OR TYPE WRITING	Franck C. Rinsche	Burroughs Adding Machine Co.	open	cité par Joseph TURCK
US1215186	06/02/1917	19006347	CARRYING MECHANISM FOR CALCULATING MACHINE	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1215187	06/02/1917	19006347	MEANS TO PREVENT REVERSE MOVEMENT IN CALCULATING	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1220030	20/03/1917	19006389	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneerwerke (Gin	open	Multiplication Odhner
US1223329	17/04/1917	19006417	ADDING-MACHINE	William H. Pike	Pike Adding Machine Co.	open	
US1225656	08/05/1917	19006438	ADDING AND RECORDING MACHINE	Harry Landsiedel	Dalton Adding machine Co.	open	
US1242921	16/10/1917	19006599	ADDING-MACHINE	John A. Cheape	Cheape's Adding Machine CO. Inc	open	
US1262097	09/04/1918	19006774	CANCELING INDORSING AND COUPON CUTTING	Franck C. Rinsche	Burroughs Adding Machine Co.	open	cité par Peggy KIDWELL

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US1292513	28/01/1919	19007068	CALCULATOR	Alexander Rechnitzer	Autarit-Gesellschaft MBH	open	cité par George CHASE
US1296073	04/03/1919	19007103	ALGEBRAIC TOTAL CALCULATING MACHINE	Hyman E. Goldberg	Goldberg Calculating Machine Co.	open	Résultat signe/valeur absolue
US1301318	22/04/1919	19007152	CALCULATING MACHINE	Arthur F. Poolle	Wahl Adding Macine Co.	open	Addition signée / explique retenue bouclée
US1306606	10/06/1919	19007201	CALCULATING-MACHINE	Jay B. Monroe	Monroe Calculating Machine Co.	open	référence à US1080245
US1309692	15/07/1919	19007236	ADDING-MACHINE	Fred A. Niemann	Comptograph Co.	open	cité par Joseph TURCK
US1316523	16/09/1919	19007299	CALCULATING MACHINE	Joseph A. Turck	Felt and Tarrant Manufacturing Co.	open	
US1317466	30/09/1919	19007313	CALCULATING MACHINE	John C. Wahl	Wahl Adding Macine Co.	open	
US1321648	11/11/1919	19007355	RECORDING MACHINE	Harry Landsiedel	Dalton Adding machine Co.	open	
US1328822	27/01/1920	19007432	ADDING AND RECORDING MACHINE	James L. Dalton & John Magnus	Dalton adding machine Co.	open	
US1330652	10/02/1920	19007446	CARRIAGE SHIFTING MEANS FOR CALCULATING MACHIN	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1331561	24/02/1920	19007460	DRIVE FOR CALCULATING MACHINE	Emory S. Ensign		open	
US1335349	30/03/1920	19007495	AUTOMATIC CARRIAGE RAISING MEANS FOR CALCULATI	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1336904	13/04/1920	19007509	CALCULATING MACHINE	Hubert Hopkins	Moon-Hopkins billing Co.	open	
US1341049	25/04/1920	19007521	CALCULATING MACHINE	John C. Enberg		open	Suédois (ref. au brevet 538710 Otto Steiger)
US1440028	11/05/1920	19007537	CALCULATING WHEEL OF CALCULATING MACHINE	Valentin J. Odhner		open	brevet US514725
US1348576	03/08/1920	19007621	CALCULATING MACHINE	Valentin J. Odhner		open	
US1354841	05/10/1920	19007684	CARRYING MECHANISM FOR CALCULATING MACHINES	Edgar E. Phinney	Monroe Calculating Machine Co.	open	Hélice de retenue
US1355565	12/10/1920	19007691	TRANSFER MECHANISM FOR CALCULATING MACHINE	Valentin J. Odhner		open	retenues
US1361542	07/12/1920	19007747	CALCULATING MACHINE	Valentin J. Odhner		open	
US1370427	01/03/1921	19007831	COMPUTING MACHINE	Louis E. Gilles	Unterwood Computing machine Co	open	Addition signée / explique retenue bouclée
US1377269	10/05/1921	19007901	TRANSFER MECHANISM OF CALCULATING-MACHINES	Valentin J. Odhner		open	Retenue des machines Odhner
US1380792	07/06/1921	19007929	CALCULATING MACHINE	Hyman E. Goldberg	Remington Accounting Machines C	open	(ref. au brevets US782554 et US741961)
US1384633	12/07/1921	19007964	REVERSE OPERATION CHECK FOR REGISTERS	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1384634	12/07/1921	19007964	CARRIAGE LOCK FOR CALCULATING MACHINE	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1384632	12/07/1921	19007964	KEY LOCK FOR CALCULATING MACHINE	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1388746	23/08/1921	19008006	WHEELS IN CALCULATING-MACHINES	Valentin J. Odhner		open	dent de retenue qui s'efface
US1398074	22/11/1921	19008097	ALGEBRAIC TOTAL CALCULATING MACHINE	Hyman E. Goldberg	Remington Accounting Machines C	open	end-around carry adder (ref. au brevet US893719)
US1400105	13/12/1921	19008118	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneenwerke (Gin	open	
US1404954	31/01/1922	19008167	CALCULATING MACHINE	Hyman E. Goldberg	Remington Accounting Machines C	open	
US1415174	09/05/1922	19008265	ADDING MACHINE	Allen H. Horton	Burroughs Adding Machine Co.	open	Planetary (différentiel)
US1429201	12/09/1922	19008391	ADDING AND RECORDING MACHINE	William S. Gubelmann		open	Clavier complet, imprimante, levier
US1633788	04/10/1922	19008413	NON PRINT MECHANISM FOR ADDING MACHINE	Harry Landsiedel	Dalton Adding machine Co.	open	
US1432616	17/10/1922	19008426	KEYBOARD CLEANING MECHANISM FOR CALCULATING N	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1432256	17/10/1922	19008426	CALCULATING MACHINE	Edgar E. Phinney	Monroe Calculating Machine Co.	open	
US1624104	06/01/1923	19008507	ADDING MACHINE	Harry Landsiedel	Dalton Adding machine Co.	open	
US1601398	31/05/1923	19008652	DESIGNATING COLUMN FOR ADDING MACHINE	Harry Landsiedel	Dalton Adding machine Co.	open	
US1802974	18/07/1923	19008700	CALCULATING MACHINE	Claibone W. Gooch & Ernest Racz	Burroughs Adding Machine Co.	open	Caisse enregistreuse
US1474230	13/10/1923	19008787	CALCULATING MACHINE	Edwin F. Britten	Monroe Calculating Machine Co.	open	référéncé par 1566650
US1476197	04/12/1923	19008839	CALCULATING MACHINE	Carl M. Friden		open	
US1483678	12/02/1924	19008909	CALCULATING MACHINE	Arthur F. Poolle	Remigton Accounting machine Co.	open	Addition signée
US1487676	18/03/1924	19008944	CALCULATING MACHINE	Ferdinand Stemmler	Brunsviga Maschineneenwerke (Gin	open	
US1489801	08/04/1924	19008965	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneenwerke (Gin	open	
US1624105	09/05/1924	19008996	ADDING AND RECORDING MACHINE	Walter W. Landsiedel	Dalton Adding machine Co.	open	
US1497570	10/06/1924	19009028	ADDING MACHINE	Joseph F. Leitner		open	Addition propagation retenue cité par Detlev BÖLTER
US1508762	16/09/1924	19009126	MULTIPLYING MACHINE	George M. Bacon	Bacon Multipliers Inc.	open	Multiplication Descendant de Arithmaurel
US1510960	07/10/1924	19009147	ADDING MACHINE	Franck C. Rinsche	Burroughs Adding Machine Co.	open	cité par Peggy KIDWELL
US1510951	07/10/1924	19009147	KEY DRIVEN CALCULATING MACHINE	John J. Morse	Burroughs Adding Machine Co.	open	Burroughs, sécurité contre l'enfoncement incomplet des touches
US1517858	02/11/1924	19009173	CALCULATING MACHINE	Valentin J. Odhner		open	
US1518172	09/12/1924	19009210	COMPUTING MACHINE	George M. Bacon	Bacon Multipliers Inc.	open	Multiplication Descendant de Arithmaurel
US1524924	03/02/1925	19009266	CALCULATING MACHINE WITH SHIFTABLE CARRIAGE	Carl M. Friden	Carl M. Friden	open	
US1534242	21/04/1925	19009343	CALCULATING MACHINE	Valentin J. Odhner		open	
US1543196	23/06/1925	19009406	CALCULATING MACHINE	Franz Trinks	Brunsviga Maschineneenwerke (Gin	open	
US1566650	22/12/1925	19009588	OPERATING MEANS FOR CALCULATORS	George C. Chase	Monroe Calculating Machine Co.	open	inversion sens différentiel, classification des types de cycles . Cité par George CHASE
US1574249	23/02/1926	19009651	ADDING MACHINE	Russell W. Hook		open	Addition propagation retenue cité par Detlev BÖLTER
US1445461	13/02/1927	19010006	REVOLUTIONS COUNTING MECHANISM FOR CALCULATIN	Franz Trinks	Brunsviga Maschineneenwerke (Gin	open	
US1970512	18/07/1927	19010161	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
US1637827	02/08/1927	19010176	COUPLING DEVICE FOR CALCULATING MACHINE	August Kottmann	Rheinische Metallwaren und Masc	open	
US1640493	30/08/1927	19010204	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
US1644559	04/10/1927	19010239	ADDING MACHINE	Harry D. Betz		open	
US1647529	01/12/1927	19010297	TOTAL AND SUBTOTAL MECHANISM	August Kottmann	Rheinische Metallwaren und Masc	open	
US1853054	11/07/1928	19010520	TRANSFER MECHANISM FOR CALCULATING MACHINE	Allen H. Horton	Burroughs Adding Machine Co.	open	Planetary (différentiel)
US1742522	07/01/1930	19011065	ADDING AND RECORDING MACHINE	William S. Gubelmann		open	ref. au brevet US1429201
US1764915	17/06/1930	19011226	CALCULATING APPARATUS	Anders E. Vethe		open	Addition propagation retenue cité par Detlev BÖLTER
US1767765	24/06/1930	19011233	ADDING MACHINE	Harry Landsiedel	Remington Rand inc.	open	
US1773027	12/08/1930	19011282	CALCULATING MACHINE	George C. Chase	Monroe Calculating Machine Co.	open	Division automatique (explique l'automate)
US1786164	23/12/1930	19011415	DRIVE FOR STEPPED DRUMS OF CALCULATING MACHIN	August Kottmann	Rheinische Metallwaren und Masc	open	
US1791675	10/02/1931	19011464	DRIVE FOR STEPPED DRUMS OF CALCULATING MACHIN	August Kottmann	Rheinische Metallwaren und Masc	open	
US1793155	17/02/1931	19011471	CALCULATING MACHINE	Edwin F. Britten	Monroe Calculating Machine Co.	open	utile multiplication
US1800865	14/04/1931	19011527	COMBINED CASH REGISTER AND ADDING MACHINE	Harry Landsiedel	Remington Rand inc.	open	
US1802927	28/04/1931	19011541	CALCULATING MACHINE	Franck C. Rinsche	Burroughs Adding Machine Co.	open	Burroughs multiplication et division, 2 claviers
US1810737	16/06/1931	19011590	CASH REGISTER	Oscar G. Sundstrand	Sundstrand Co.	open	Cité George Chase
US1845863	16/02/1932	19011835	CALCULATING MACHINE	George C. Chase	Monroe Calculating Machine Co.	open	inversion sens par différentiel ,motorisé, Cité par George CHASE
US1842950	26/01/1932	19011814	CASH REGISTER	William H. Robertson	National Cash Register Co.	open	Répétition automatique
US1872438	16/08/1932	19012017	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	

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GB385829A	05/01/1933	19012159	CALCULATING MACHINE	Olivetti	Olivetti S.P.A	open	
US1900776	07/03/1933	19012220	CALCULATING MACHINE COMPRISING AXIALLY DISPLACED	Heinrich Suter	H. W. Egli A-G. (Suisse)	open	
US1926826	12/03/1933	19012225	CALCULATING MACHINE	Joseph A. Turck	Felt and Tarrant Manufacturing Co.	open	
US1903105	28/03/1933	19012241	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
US1909714	16/05/1933	19012290	AUTOMATIC CALCULATOR	Walter J. Pasinsky	Burroughs Adding Machine Co.	open	Burroughs machine électrique
US1911768	30/05/1933	19012304	ACCOUNTING MACHINE	Walter J. Pasinsky	Burroughs Adding Machine Co.	open	Burroughs machine électrique
US1915037	30/06/1933	19012335	CALCULATING MACHINE	Heinrich Suter	H. W. Egli A-G. (Suisse)	open	
US1916610	04/07/1933	19012339	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
US1927771	19/09/1933	19012416	CALCULATING MACHINE	Bengt Carlström	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE575873, référence à US2108596
US1925735	05/11/1933	19012463	MOTOR DRIVEN ACTUATING MECHANISM FOR COMPUTING	Oscar G. Sundstrand	Sundstrand Co.	open	
CH164581A	01/02/1934	19012551	MACHINE A CALCULER		Olivetti & C.	ouvrir	Multiplication
US1950183	06/03/1934	19012584	AUTOMATIC ROUNDING OFF MECHANISM FOR CALCULATING	August Kottmann	Rheinische Metallwaren und Maschinenfabrikation	open	
GB408805A	19/04/1934	19012628	PRINTING DEVICE		Compagnie des Machines BULL	open	
US1957496	08/05/1934	19012647	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
US1962690	12/06/1934	19012682	APPARATUS FOR ACTUATING THE COUNTING WHEELS OF A	August Kottmann	Rheinische Metallwaren und Maschinenfabrikation	open	
US1964211	26/06/1934	19012696	CALCULATING MACHINE	Austin A. Overburry	Monroe Calculating Machine Co.	open	référence à US1566650 et 1845863
US1965879	10/08/1934	19012741	CALCULATING MACHINE	Edwin F. Britten	Monroe Calculating Machine Co.	open	clavier à touches remplacé par des curseurs
US1981226	20/11/1934	19012843	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
US1981226	20/11/1934	19012843	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
GB419983A	22/11/1934	19012845	PERFORATED CARD FOR STATISTICAL MACHINE		Compagnie des Machines BULL	open	
GB422668A	16/01/1935	19012900	IMPROVEMENT IN RECORD CONTROLLED STATISTICAL MACHINE		Compagnie des Machines BULL	open	
US1995434	26/03/1935	19012969	CALCULATING MACHINE	Austin A. Overburry	Monroe Calculating Machine Co.	open	
US2004495	11/06/1935	19013046	TRANSFER MECHANISM	Oscar G. Sundstrand	Underwood Elliott Fisher Co.	open	propagation retenue addition/soustraction, cité par George CHASE
US2009010	23/06/1935	19013058	CALCULATING MACHINE	Carl M. Friden	Marchant Calculating Machine Co.	open	
US2017104	15/10/1935	19013172	AUTOMATIC CALCULATOR	W. J. Pasinsky	Burroughs Adding Machine Co.	open	machine électrique
FR793352A	16/11/1935	19013204	POINÇONNEUSE AUTOMATIQUE POUR CARTES PERFORÉES		Compagnie des Machines BULL	open	
US2021618	19/11/1935	19013207	COMPUTING MACHINE	Oscar G. Sundstrand	Underwood Elliott Fisher Co.	open	
FR813302A	03/02/1936	19013283	DISPOSITIFS DE CONTRÔLE POUR MACHINE TABULATRICES		Compagnie des Machines BULL	open	
US2035322	24/03/1936	19013333	CALCULATING MACHINE WITH AUTOMATIC MULTIPLYING	August Kottmann	Rheinische Metallwaren und Maschinenfabrikation	open	
US2056579	06/10/1936	19013529	CALCULATING MACHINE	Gustav Lerch	Marchant Calculating Machine Co.	open	Propagation retenue
FR811724A	23/01/1937	19013638	PERFECTIONNEMENT POUR MACHINE A STATISTIQUE		Compagnie des Machines BULL	open	
US2068899	26/01/1937	19013641	CALCULATING MACHINE	Rolf Erik Annerén & Bengt Carlström	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE656737
USD103425	02/03/1937	19013676	CALCULATING MACHINE	Carl M. Friden	Friden Calculating Machine Co.	open	
FR848350A	24/07/1937	19013820	POINÇONNEUSE POUR MACHINE CONNECTEE A UNE TABULATRICE		Compagnie des Machines BULL	ouvrir	
US2089770	10/08/1937	19013837	COUNTING MECHANISM CARRIAGE FOR CALCULATING MACHINE	Heinrich Suter	H. W. Egli A-G. (Suisse)	open	Brevet DE695522 Hans W. Egli MADAS
FR824120A	03/11/1937	19013922	PERFECTIONNEMENT AUX DISPOSITIFS EJECTEURS DE CARTES		Compagnie des Machines BULL	ouvrir	
FR824223A	03/11/1937	19013922	PERFECTIONNEMENTS AUX DISPOSITIFS D'AVANCEMENT DU PAPIER		Compagnie des Machines BULL	ouvrir	
US2108596	15/02/1938	19014026	CALCULATING MACHINE	Karl Viktor Rudin	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE535576, roue de Odhner 5 1 1 1
US2117620	17/07/1938	19014178	CALCULATING MACHINE	Walter E. Mathi	Marchant Calculating Machine Co.	open	
US2127102	16/08/1938	19014208	REVERSING MECHANISM	Rolf Erik Annerén & Bengt Carlström	FACIT AB, Ätvidaberg, Sweden	open	
US2439555	06/09/1938	19014229	REVERSIBLE POWER TRANSMISSION MECHANISM	Harold T. Avery	Marchant Calculating Machine Co.	open	Marchant Planetarydifférentiel
US2294083	14/11/1938	19014298	CALCULATING MACHINE	Carl M. Friden	Friden Calculating Machine Co.	open	
US2320025	19/12/1938	19014333	CALCULATING MACHINE	Harold T. Avery	Marchant Calculating Machine Co.	open	moteur électrique externe
US2147359	14/02/1939	19014390	CALCULATING MACHINE	Edward C. Walter	Monroe Calculating Machine Co.	open	Ten carrying mechanism
US2157411	09/05/1939	19014474	CALCULATING MACHINE	George W. Hopkins	Marchant Calculating Machine Co.	open	
US2160361	30/05/1939	19014495	CALCULATING MACHINE	Stuart Hilder	Monroe Calculating Machine Co.	open	division (double clavier) exemple 144/8
US2186265	09/01/1940	19014719	CALCULATING MACHINE	Charle W. Norton	Brunsviga Maschinenerwerke (Gin	open	
US2188748	30/01/1940	19014740	CALCULATING MACHINE	Bengt Carlström	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE726893
US2294948	29/04/1940	19014830	CALCULATING MACHINE	Harold T. Avery	Marchant Calculating Machine Co.	open	Marchant Planetarydifférentiel
US2209240	23/06/1940	19014885	ACCOUNTING MACHINE	Oscar G. Sundstrand	Underwood Elliott Fisher Co.	open	
US2335282	06/07/1940	19014898	CALCULATING MACHINE	Edgar B. Jessup	Marchant Calculating Machine Co.	open	Planetarydifférentiel
US2366431	15/07/1940	19014907	ACTUATING MECHANISM FOR CALCULATING MACHINE	Robert E. Boyden	Marchant Calculating Machine Co.	open	Marchant Planetarydifférentiel
US2216659	01/08/1940	19014924	CALCULATING MACHINE	Harold T. Avery	Marchant Calculating Machine Co.	open	Explication de la vitesse variable
GB526068A	10/09/1940	19014964	IMPROVEMENTS FOR TEN KEY ADDING MACHINE	Olivetti	Olivetti S.P.A	open	
US2383731	30/09/1940	19014984	CALCULATING MACHINE	Walter E. Mathi	Marchant Calculating Machine Co.	open	Marchant Planetarydifférentiel
US2222164	19/11/1940	19015034	CALCULATING MACHINE	Harold T. Avery	Marchant Calculating Machine Co.	open	Marchant Planetarydifférentiel
US2228830	14/01/1941	19015090	CALCULATING MACHINE	Werner Kniehahn	Wanderer-Werke aktiengesellschaft	open	CONTINENTAL / machine à 20 accumulateurs
US2229889	28/01/1941	19015104	CALCULATING MACHINE	Carl M. Friden	Friden Calculating Machine Co.	open	
US2229630	28/01/1941	19015104	CALCULATING MACHINE	Harold T. Avery	Marchant Calculating Machine Co.	open	Marchant décrit la multiplication
US2378472	13/05/1941	19015209	CALCULATING MACHINE	Howard M. Dustin	Marchant Calculating Machine Co.	open	Marchant Planetarydifférentiel (Décrit le report différentiel)
US2242908	20/05/1941	19015216	ADDING AND RECORDING MACHINE	Max Garbell	Victor Adding Machine Co.	open	
US2243075	27/05/1941	19015223	CALCULATING MACHINE	Rolf Erik Annerén & Bengt Carlström	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE719178
US2255102	09/09/1941	19015328	ADDING AND CALCULATING MACHINE	Bengt Carlström	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE703464
US2318241	12/09/1941	19015331	CALCULATING MACHINE	Walter E. Mathi	Marchant Calculating Machine Co.	open	Marchant Planetarydifférentiel
GB539654A	18/09/1941	19015337	INSTANTANEOUS STOPPING ARRANGEMENT FOR MOVABLE	Olivetti	Olivetti S.P.A	open	
US2260291	28/10/1941	19015377	CALCULATING MACHINE	Edwin F. Britten	Monroe Calculating Machine Co.	open	registre pour le multiplieur/quotient
US2271240	27/01/1942	19015468	CALCULATING MACHINE	Harold T. Avery	Marchant Calculating Machine Co.	open	référence à US2211736
US2273237	17/02/1942	19015489	REGISTER	Edward C Walter	Monroe Calculating Machine Co.	open	Compteur de tour (counting mechanism)
US2350979	23/02/1942	19015495	CALCULATING MACHINE	Harold T. Avery	Marchant Calculating Machine Co.	open	
FR880474A	04/01/1943	19015810	MACHINE POUR COMPARER ET RECLASSER LES CARTES		Compagnie des Machines BULL	open	
FR880929A	11/01/1943	19015817	PERFECTIONNEMENT AUX MACHINES TABULATRICES		Compagnie des Machines BULL	open	
US2308940	19/01/1943	19015825	TEN TRANSFER MECHANISM FOR ACCOUNTING MACHINE	Oscar G. Sundstrand	Underwood Elliott Fisher Co.	open	propagation retenue addition/soustraction, cité par George CHASE
FR886969A	26/07/1943	19016013	PERFECTIONNEMENT AUX INTERPRETEUSES POUR CARTES		Compagnie des Machines BULL	open	
CA414833A	31/08/1943	19016049	CALCULATING MACHINE	Erik K. Grip & Sture E. Toorell	FACIT AB, Ätvidaberg, Sweden	open	

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US2333234	02/11/1943	19016112	CALCULATING MACHINE	Robert T. Boyden & Harold T. Avery	Marchant Calculating Machine Co.	open	référence à US2216659
US1134780	06/04/1945	19016633	CARRYING MECHANISM FOR CALCULATING MACHINES	Franz Trinks	Brunsviga Maschinenerwerke (Gin	open	Multiplication Odhner
US2379449	03/07/1945	19016721	MULTIPLYING MACHINE	Thomas O. Mehan & Hunter E. Hoo	Victor Adding Machine Co.	open	Plusieurs multiplieurs parallèles
US2546884	13/07/1945	19016731	FUNCTION CONTROL MECHANISM	Edwin F. Britten	Monroe Calculating Machine Co.	open	contrôle du quotient
US2387870	30/10/1945	19016840	ACTUATING MECHANISM FOR REGISTERS	Harold T. Avery	Marchant Calculating Machine Co.	open	
US2391089	18/12/1945	19016889	KEYBOARD RELEASE MECHANISM	Carl M. Friden	Friden Calculating Machine Co.	open	
US2398286	09/04/1946	19017001	CALCULATING MACHINE	Bengt Carlström & Erik K. Grip	FACIT AB, Åtvidaberg, Sweden	open	Brevet DE871079
US2400244	14/05/1946	19017036	CALCULATING MACHINE	Walter E. Mathi	Marchant Calculating Machine Co.	open	Ref à US2216659 et US2333234 . Vitesse variable
US2403273	02/07/1946	19017085	CALCULATING MACHINE	Carl M. Friden	Friden Calculating Machine Co.	open	
CA440626A	08/04/1947	19017365	CALCULATING MACHINE	Erik K. Grip & Sture E. Toorell	FACIT AB, Åtvidaberg, Sweden	open	
US2427271	09/09/1947	19017519	MULTIPLIER CORRECTION MECHANISM	Carl M. Friden	Friden Calculating Machine Co.	open	
US2431930	02/12/1947	19017603	FULL CYCLE POSITIONING MEANS	Erik K. Grip & Sture E. Toorell	FACIT AB, Åtvidaberg, Sweden	open	Brevet DE923749
GB672771A	30/12/1947	19017631	AN IMPROVED MULTIPLYING MECHANISM FOR CALCULA	Olivetti	Olivetti S.P.A	open	Multiplication
GB652285A	10/02/1948	19017673	IMPROVEMENT RELATING TO CALCULATING MACHINE	Olivetti	Olivetti S.P.A	open	
US2567120	01/03/1948	19017693	VALUE INDEXING MECHANISM	George V. Nolde	Marchant Calculating Machine Co.	open	Planetary (différentiel)
US2450668	05/08/1948	19017850	CALCULATOR	Elmer G. Kesling		open	Addition propagation retenue cité par Detlev BÖLTER
US2447108	17/08/1948	19017862	KEYBOARD CLEANING MECHANISM	Harold T. Avery	Marchant Calculating Machine Co.	open	
FR946543A	20/12/1948	19017987	DISPOSITIF D'ENTRAÎNEMENT DES CARTES		Compagnie des Machines BULL	ouvrir	
FR950891A	04/04/1949	19018092	DISPOSITIF DE DIVISION POUR MACHINE A CARTES		Compagnie des Machines BULL	ouvrir	
CH262320A	30/06/1949	19018179	MACHINE A CALCULER POUR MULTIPLICATION AUTOMATIQUE		FACIT AB, Åtvidaberg, Sweden	ouvrir	
CH262321A	30/06/1949	19018179	MACHINE A CALCULER POUR MULTIPLICATION AUTOMATIQUE		FACIT AB, Åtvidaberg, Sweden	ouvrir	
US2498130	21/02/1950	19018415	REVERSIBLE DRIVE FOR REVOLUTIONS	Sven Axel Evert Lundin	Aktiblaget	open	changement automatique de sens machine Odhner
FR967665A	19/03/1950	19018441	DISPOSITIF A TUBE CATHODIQUE POUR L'ANALYSE DES DONNEES		Compagnie des Machines BULL	ouvrir	
FR967719A	05/04/1950	19018458	PERFECTIONNEMENT AUX CARTES ENREGISTREUSES		Compagnie des Machines BULL	ouvrir	
FR968323A	19/04/1950	19018472	PERFECTIONNEMENT AU DISPOSITIF D'EJECTION POUR MACHINE		Compagnie des Machines BULL	ouvrir	
GB636911A	10/05/1950	19018493	MACHINE FOR COMPARING OR CLASSIFYING CARDS		Compagnie des Machines BULL	open	
FR969203A	17/05/1950	19018500	PERFECTIONNEMENT AU DISPOSITIF D'ÉCHAPPEMENT DES		Compagnie des Machines BULL	ouvrir	
US2508953	23/05/1950	19018506	RECORDING AND CONTROLLING CARD		Compagnie des Machines BULL	open	
US2566835	27/05/1950	19018510	LOCKING DEVICE	Curt Herzstark	CURTA (Contina Bureau und Rech	open	
FR970005A	07/06/1950	19018521	PERFECTIONNEMENT AU CONTRÔLE D'IMPRESSION DES ZEROS		Compagnie des Machines BULL	ouvrir	
CA466942A	01/08/1950	19018576	CALCULATING MACHINE	Erik K. Grip & Sture E. Toorell	FACIT AB, Åtvidaberg, Sweden	open	Multiplication
US2693906	19/08/1950	19018594	DIFFERENTIAL MECHANISM FOR CALCULATING MACHINE	Thomas M. Butler	Burroughs Adding Machine Co.	open	Burroughs Planetary (différentiel)
US2525352	10/10/1950	19018646	CALCULATING MACHINE	Curt Herzstark	CURTA (Contina Bureau und Rech	open	
US2665070	16/11/1950	19018683	BINARY OCTAL DECIMAL COMPUTER CALCULATING MAC	Harold T. Avery	Marchant Calculating Machine Co.	open	Machine travaillant en octal destinée à tester les machines binaires.
US2533372	12/12/1950	19018709	ZEROIZING MECHANISM	Curt Herzstark	CURTA (Contina Bureau und Rech	open	ref. au brevet US703785, US832666, US2294083
US2503332	11/04/1950	19018464	DIFFERENTIAL GEAR TEN TRANSFER DEVICE	Erik K. Grip	FACIT AB, Åtvidaberg, Sweden	open	
US2533443	12/12/1950	19018709	COMPUTING DEVICE	William Farbman		open	Addition propagation retenue
US2558631	26/01/1951	19018754	DECIMAL TRANSFER MECHANISM IN CALCULATING MACI	Heinrich Suter	H. W. Egli A-G. (Suisse)	open	
US2544426	06/03/1951	19018793	VISIBLE SETTING CONTROL MECHANISM FOR CALCULAT	Curt Herzstark	CURTA (Contina Bureau und Rech	open	
US2545649	20/03/1951	19018807	MULTIFUNCTION CONTROL KEY	Natale Capellaro	Olivetti S.P.A	open	Joystick
US2554103	22/05/1951	19018870	CLEARING DEVICE IN CALCULATING MACHINE	Erik K. Grip	FACIT AB, Åtvidaberg, Sweden	open	
US2557457	19/06/1951	19018898	MULTIPLYING MACHINE	George W. Nolde	Marchant Calculating Machine Co.	open	
US2560910	17/07/1951	19018926	AUTOMATIC MULTIPLYING MACHINE	Erik K. Grip & Sture E. Toorell	FACIT AB, Åtvidaberg, Sweden	open	Brevet DE889944
CA475800A	07/08/1951	19018947	ALIGNING MEANS	Sture E. Toorell	FACIT AB, Åtvidaberg, Sweden	open	Division
CA476012A	14/08/1951	19018954	AUTOMATIC DIVISION IN CALCULATING MACHINES	Sture E. Toorell	FACIT AB, Åtvidaberg, Sweden	open	
BE508570A	15/02/1952	19019139	FIXATION ET SUPPORT DU CHARIOT-DU TOTALISATEUR F	Curt Herzstark	CURTA (Contina Bureau und Rech	ouvrir	
US2588835	11/03/1952	19019164	INDEPENDENT ACTUATOR TENS-TRANSFER MECHANISM	Curt Herzstark	CURTA (Contina Bureau und Rech	open	
US2591064	01/04/1952	19019185	SUCCESSIVELY OPERATED INDEPENDANT TEN ACTUATOR	Erik K. Grip	FACIT AB, Åtvidaberg, Sweden	open	
US2603414	15/07/1952	19019290	MULTIPLIER PRINTING MECHANISM	Natale Capellaro	Olivetti S.P.A	open	Multiplication
US2611539	23/09/1952	19019360	SHORT CUT MULTIPLYING MACHINE	Erik K. Grip & Sture E. Toorell	FACIT AB, Åtvidaberg, Sweden	open	Brevet DE922553
USRE23553	30/09/1952	19019367	ZEROIZING MECHANISM	Curt Herzstark	CURTA (Contina Bureau und Rech	open	
US2614753	21/10/1952	19019388	ZEROIZING MECHANISM IN CALCULATING MACHINES	Heinrich Suter	H. W. Egli A-G. (Suisse)	open	
US2620979	09/12/1952	19019437	MULTIPLIER-QUOTIENT REGISTER STATE CONTROL MEA	Herman Gang	Monroe Calculating Machine Co.	open	Compte tour pour multiplieur et quotient
FR1030308A	11/03/1953	19019529	DISPOSITIF DE MULTIPLICATION		Compagnie des Machines BULL	ouvrir	
US2645423	14/07/1953	19019654	MULTIPLICATION CONTROL MECHANISM	Frederic W. Pfleger	Monroe Calculating Machine Co.	open	registre pour le multiplieur et son clavier(sous le clavier complet)
US2650761	01/09/1953	19019703	CALCULATING MACHINE	Anthony B. Machado	Friden Calculating Machine Co.	open	
US2656104	20/10/1953	19019752	DUPLEX REGISTER CALCULATING MACHINE	Grant C. Ellerbeck	Friden Calculating Machine Co.	open	Référence à 2211736 - Différentiel - Même dessin que MARCHANT
US2660374	24/11/1953	19019787	KEY-SET-KEY-RESPONSIBLE CALCULATING MACHINE	George W. Hopkins & Donald L. Ro	Friden Calculating Machine Co.	open	
US2661155	01/12/1953	19019794	ACCUMULATOR CARRIAGE AND DRIVE-SHAFT INTERLOC	Franz Mark & Curt Herzstark	CURTA (Contina Bureau und Rech	open	
FR1064928A	30/12/1953	19019823	CALCULATRICE ÉLECTRIQUE A PROGRAMME MODIFIABLE		Compagnie des Machines BULL	ouvrir	
US2692084	19/10/1954	19020116	MULTIPLICATION FUNCTION CONTROL DEVICE	Lawrence B. Taylor	Friden Calculating Machine Co.	open	
GB760381A	16/11/1954	19020144	ALIGNING MECHANISM FOR COMPUTING MACHINE	Olivetti	Olivetti S.P.A	open	Brevet US2821342 Division
GB768395A	11/01/1955	19020200	TRANSFER MECHANISM FOR CALCULATING MACHINE	Olivetti	Olivetti S.P.A	open	Brevet CH329432 propagation de retenue
CH329432	14/01/1955	19020203	DISPOSITIVO DI RIPORTO IN UNA MACCHINA DA CALCOL	Natale Capellaro	Olivetti S.P.A	open	retenue anticipée
FR1096836A	09/02/1955	19020229	MACHINE A ADDITIONNER	Olivetti	Olivetti S.P.A	ouvrir	Machine olivetti tetractys
US2714990	09/08/1955	19020410	OPERATION TERMINATING MECHANISM	Anthony B. Machado	Friden Calculating Machine Co.	open	
US2722375	01/11/1955	19020494	MULTIPLYING DEVICE FOR ACCOUNTING MACHINE	Pierre J. Chenus	Compagnie des Machines BULL	open	
CA518737A	22/11/1955	19020515	TEN TRANSFER MECHANISM FOR CALCULATING MACHIN	Curt Herzstark	CURTA (Contina Bureau und Rech	open	
US2736492	28/02/1956	19020613	SQUARE ROOT MECHANISM	Grant C. Ellerbeck	Friden Calculating Machine Co.	open	Friden SRW10 Seule machine à effectuer automatiquement la racine carrée
US2736494	28/02/1956	19020613	SQUARE ROOT CALCULATING MACHINE	Grant C. Ellerbeck	Friden Calculating Machine Co.	open	Méthode de 5
US2736497	28/02/1956	19020613	AUXILIARY KEYBOARD SYSTEM ADAPTED FOR SQUARE	Grant C. Ellerbeck	Friden Calculating Machine Co.	open	
US2744686	08/05/1956	19020683	TEN TRANSFER DEVICE FOR CALCULATING MACHINE	Erik K. Grip	FACIT AB, Åtvidaberg, Sweden	open	Brevet DE849921
US2754052	10/07/1956	19020746	FUGITIVE ONES AND OVERDRAFT CONTROL MECHANISM	Natale Capellaro	Olivetti S.P.A	open	
US2755997	24/07/1956	19020760	NON REVERSIBLE COUNTER CONTROL FOR DIVISION	Grant C. Ellerbeck	Friden Calculating Machine Co.	open	contrôle du quotient

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GB787893A	26/09/1956	19020824	IMPROVEMENT TO MULTIPLICATION MECHANISM	Olivetti	Olivetti S.P.A	open	Multiplication abrégée
CA532030A	23/10/1956	19020851	MULTIPLYING MACHINE	Erik K. Grip & Sture E. Toorell	FACIT AB, Ätvidaberg, Sweden	open	très complet
CA533311A	20/11/1956	19020879	AUTOMATIC MULTIPLYING MACHINE	Erik K. Grip & Sture E. Toorell	FACIT AB, Ätvidaberg, Sweden	open	multiplication abrégée
US2797047	25/06/1957	19021096	CALCULATOR	Otto Lehre	Sterling Plastic Co.	open	Tout en plastique, Addition propagation retenue cité par Detlev BÖLTER
US2815912	10/12/1957	19021264	SETTING MECHANISM FOR KEY-SET CALCULATING AND	Hans Neuman-Lezius	Brunsviga Maschinenwerke (Gin	open	
US2821342	28/01/1958	19021313	DIVIDEND DIVISOR ALIGNING MECHANISM	Natale Capellaro	Olivetti S.P.A	open	Division
CA574531A	21/04/1959	19021761	CALCULATING MACHINE WITH AUTOMATIC DIVISION	Erik K. Grip & Sture E. Toorell	FACIT AB, Ätvidaberg, Sweden	open	
US2907518	06/10/1959	19021929	ZEROIZING MECHANISM FOR CALCULATING MACHINE OF	Erik K. Grip	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE1051539
FR1225956A	22/02/1960	19022068	MACHINE A CALCULER PERMETTANT LA COMMANDE MA	Elmar Maier	CURTA (Contina Bureau und Rech	ouvrir	moteur électrique
CH346049A	30/04/1960	19022136	MECCANISMO DI MULTIPLICAZIONE IN UNA MACCHINA C	Natale Capellaro & Teresino Gassin	Olivetti S.P.A	ouvrir	Brevet US300585 Multiplication abrégée
US2935254	03/05/1960	19022139	CALCULATING MACHINE	Gilman Plunkett	Friden Calculating Machine Co.	open	
CH348563A	31/08/1960	19022259	MACHINE A CALCULER	Jean Perret		ouvrir	Machine à clavier réduit et distribution par chariot
US2954921	04/10/1960	19022293	REGISTER REVERSING AND ENGAGING MECHANISM	Natale Capellaro	Olivetti S.P.A	open	
US2981468	25/04/1961	19022496	CALCULATING MACHINE OF THE TEN KEY TYPE	Erik K. Grip	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE1082754
CH355632A	15/07/1961	19022577	DISPOSITIF ROTATIF DE REPORT POUR MACHINE A CALC	André Kolly		ouvrir	
US2992773	18/07/1961	19022580	MULTIPLICATION MECHANISM FOR ADDING MACHINE	Natale Capellaro	Olivetti S.P.A	open	Multiplication
US3005585	24/10/1961	19022678	SHORT CUT MULTIPLICATION MECHANISM	Natale Capellaro	Olivetti S.P.A	open	Brevet CH346049A multiplication abrégée
US3024975	13/03/1962	19022818	MULTIPLICATION AND DIVISION CONTROL MECHANISM	Oscar G. Sundstrand	Victor Adding Machine Co.	ouvrir	
US3029014	10/04/1962	19022846	DIFFERENTIAL MECHANISM FOR VALUE ENTRY	Natale Capellaro	Olivetti S.P.A	open	
CH362865A	30/08/1962	19022988	DISPOSITIVO REPETITORE IN UNA MACCHINA ADDIZIONA	Lagomarisno	Lagomarisno S.P.A.	ouvrir	
US3065909	27/11/1962	19023077	COUNTER MECHANISM	Robert W. Herr		open	Compteur rapide (croix de malte)
US3055579	25/09/1962	19023014	CALCULATING MACHINE	Harold J. Chall	Friden Calculating Machine Co.	open	Assistance du clavier (clavier plus souple)
US3066864	04/12/1962	19023084	CALCULATING MACHINE	Arthur J. Malavazos	Friden Calculating Machine Co.	open	
US3082942	26/03/1963	19023196	COMPUTING ASSEMBLY FOR CALCULATING MACHINE	Gustav Schenk	Litton World Trade Co.	open	crémaillère et roues de Odhner
US3092315	04/06/1963	19023266	KEYBOARD FOR POWER OPERATED CALCULATING MAC	Sture E. Toorell	FACIT AB, Ätvidaberg, Sweden	open	Brevet DE1195976
DE1165911B	19/03/1964	19023555			Friden Calculating Machine Co.	ouvrir	Version allemande du US2736492
US3157353	17/11/1964	19023798	CALCULATING MACHINE	Sture E. Toorell	FACIT AB, Ätvidaberg, Sweden	open	Brevet CH415126
CH431426A	15/03/1967	19024646	DISPOSITIVO PER L'ESECUZIONE DELLA MOLTIPLICAZIO	Lagomarisno	Lagomarisno S.P.A.	ouvrir	
CH434819A	30/04/1967	19024692	DISPOSITIF DE MULTIPLICATION ABREGEE POUR UNE M/	Olivetti	Olivetti S.P.A	ouvrir	
US3548179	01/05/1967	19024693	Electronic Miniature desk computer	Takehiko Kimura		open	
CH436786A	31/05/1967	19024723	DISPOSITIVO DI DIVISIONE PER MACCHINE CALCOLATRIC	Lagomarisno	Lagomarisno S.P.A.	ouvrir	reste et quotient dans le même registre
CH436791A	31/05/1967	19024723	MACHINE A CALCULER DE BUREAU DIGITALE ÉLECTRONI	QUE		ouvrir	Mémoire = ligne à retard
FR1533030A	31/07/1967	19024784	DISPOSITIF DE COUPLAGE POUR L'ADDITION ET LA SOU	TRACTION		ouvrir	
CH450016A	15/01/1968	19024952	MACHINE A CALCULER A CLAVIER RÉDUIT A QUATRE O	PERATIONS	Olivetti S.P.A	ouvrir	
CH457930A	15/06/1968	19025104	DISPOSITIF DE SUPPRESSION DES ZEROS NON SIGNIFIC	Natale Capellaro	Olivetti S.P.A	ouvrir	
CH460394A	31/07/1968	19025150	DISPOSITIF DE POSE EN SÉRIE	Olivetti	Olivetti S.P.A	ouvrir	
GB1137729A	21/12/1968	19025293	A MEMORY DEVICE FOR CALCULATING MACHINE	Herman Gang	Litton Business System	open	
US3417917	24/12/1968	19025296	HIGH SPEED SET UP DEVICE FOR A TEN KEY ADDING MA	Natale Capellaro	Olivetti S.P.A	open	
US3614404	17/04/1969	19025410	ELECTRONIC CALCULATOR	Mark M. Garfein		open	
US3062444	06/11/1962	19023056	CLEARING MECHANISM FOR CALCULATING MACHINE	Erik K. Grip	FACIT AB, Ätvidaberg, Sweden	open	
FR1520096A	26/04/1969	19025419	MACHINE A CALCULER	Erik K. Grip	FACIT AB, Ätvidaberg, Sweden	open	FACIT 1051
BE697322A	27/02/1968	19024995	MACHINE A CALCULER	Erik K. Grip	FACIT AB, Ätvidaberg, Sweden	open	FACIT 1051
US3451617	24/06/1969	19025478	PRINTING CALCULATING MACHINE	Erik K. Grip	FACIT AB, Ätvidaberg, Sweden	open	FACIT 1051, Brevet CH456202
US3451618	25/06/1969	19025479	TEN KEY MULTIPLYING MACHINE	René F. Lucas	Burroughs Corporation	open	
US3476313	04/11/1969	19025611	CALCULATING MACHINE WITH SHORT CUT MULTIPLICATI	Oscar G. Sundstrand	Victor Comptometer Co.	open	multiplication réduite
US3484041	16/12/1969	19025653	ARITHMETIC UNIT FOR CALCULATING MACHINE	Erik K. Grip	FACIT AB, Ätvidaberg, Sweden	open	FACIT 1051
US3819921	25/06/1974	19027305	MINIATURE ELECTRONIC CALCULATOR	Brevet de Jack Kilby sur une calculette		open	Cité par Noël JOUENNE
US3956620	11/05/1976	19027991	ADDER WITH CARRY ENABLE FOR BIT CALCULATION IN A	George L.Brantingham & Larry T. Ni	Texas Instruments Inc.	open	Additionneur 4 bits (carry enable)
US3984816	05/10/1976	19028138	EXPANDABLE FUNCTION ELECTRONIC CALCULATOR	Michael J. Cochran & Jerry L. Vand	Texas Instruments Inc.	open	Additionneur 4 bits (correction BCD)
US4218609	19/08/1980	19029552	EDUCATIONAL MECHANICAL CALCULATOR	Yi Chin		open	Cite de nombreux brevets
GB429805A					Compagnie des Machines BULL	open	
EP0164870A	18/12/1985		MUSLIM CALCULATOR	Ziad Jalaño		open	