Section "B"

Anaesthetic  General Operating

Osteotomy

Trepanning

Bullet

Pocket Case

Cautery  Ligatures  Sutures

Dressings, Etc.
Anaesthesia Accessories

Drop Bottles, Droppers

B-1  Esmarch’s.
B-3  Crystal, flat stopper, 100 cc.
B-5  Amber, flat stopper, 100 cc.
B-7  Crystal, with white enameled label Chloroform, 60 cc., 150 cc.
B-9  Crystal, with white enameled label, Ether, 60 cc., 150 cc.
B-10 Dropper, Pinneo’s, regulating, 4½ inches, 7 inches.
Gags with Anaesthesia Attachment

B-15 Gag, Denhard’s, with anaesthetic tube.
B-20 Gag, Doyen’s, with anaesthetic tube.
B-25 Gag, Ferguson’s, with anaesthetic tube.
B-30 Jenning’s, with anaesthetic tube.
B-35 Screw, oral, hard rubber, for forcing the mouth open.
Gas-Ether Inhalers, Airways and Tubes

B-50  Bennett's, gas-ether, in case or without case.
B-55  Gwathmey's, gas-ether, original.
B-60  Gwathmey's, three bottle.
B-65  Connell's Airway.
B-68  Lombard's Airway.
B-70  Gwathmey's Mouth Hook Tube, long.
B-71  Gwathmey's Mouth Hook Tube, short.
B-75  Sanford's Nasal Tube, double.
Inhalers, Chloroform, Ether and Vapor

*B-100  Allis', improved, metal, nickel-plated.
*B-101  Allis', improved, aluminum.
B-102  Allis', improved, aluminum with inflating rubber face cushion.
B-103  Bennett's, for obstetrical use.
B-105  Esmarch's, with drop bottle and cover.
B-106  Esmarch's, folding with cover.
B-110  Gwathmey's, with cover and inflatable rubber face cushion.
B-112  Gwathmey-Yankauer's Vapor Mask.
B-114  Lumbard-Yankauer's Vapor Mask.
Inhalers, Chloroform and Ether

B-120  Ochsner's Wire Mask.
B-125  Ochsner's Folding Mask.
B-130  Sander's Mask only.
B-135  Schimmelbusch's Folding Mask.
B-140  Yankauer's Mask only.
B-145  Yankauer's Folding Mask.
B-150  Yankauer's Simplex Folding Mask.
Complete Catalogues on Gas-Oxygen-Ether Anaesthesia Apparatus will be sent on request
“Gebauer’s” Ethyl Chloride

B-200 Gebauer’s Ethyl Chloride, 40 grm. tube with ordinary spraying nozzle.
B-201 Gebauer’s Ethyl Chloride, 100 cc. tube with ordinary spraying nozzle.
B-202 Gebauer’s Flexible Spraying Nozzle alone.
B-203 Gebauer’s Graduated Dropper.
*B-204 Gebauer’s Inhaler, for Ethyl Chloride by the drop method.
Tongue Forceps

*B-250 Berger’s, 5\(\frac{1}{2}\) inches.
B-252 Carmalt’s, 5\(\frac{1}{4}\) inches.
B-255 Collins’, 6\(\frac{1}{2}\) inches, 7\(\frac{3}{4}\) inches.
B-260 Haslam’s.
*B-265 Houze’s, 6\(\frac{1}{4}\) inches.
B-270 Mathieu’s, 7 inches.
B-275 Young’s, with soft rubber tips.
Operating Knives

B-310
B-315
B-340
B-345

NOTE: For blade styles and numbers see ensuing pages.

Page 68
Operating Knives

B-300 **Bard-Parker** Knife, with removable blades, handle No. 3.

B-301 **Bard-Parker** Knife, with removable blades, handle No. 4; blades Nos. 10 and 11 fit handle No. 3; blades Nos. 20, 21 and 22 fit handle No. 4.

B-302 **Bard-Parker** Blades, in packages containing 6 of one size.

B-305 **Bard-Parker** Knives, complete set in leather case containing 1 handle No. 3, 1 handle No. 4, 6 blades each, Nos. 10, 11, 20, 21 and 22.

B-310 **English** pattern, furnished in all style blades.

B-315 **Haslam's** pattern, furnished in all style blades.

*B-320 **Jefferson** pattern, furnished in all style blades.

B-325 **Littauer's** Scalpels, English blades, 1 inch, 1¼ inch, 1½ inch, 1¾ inch.

B-330 **Littauer's** Scalpels, Weiss blades, 1 inch, 1¼ inch, 1½ inch, 1¾ inch.

B-335 **Littauer's** Scalpels, in wood cases holding 3, 6 and 12 knives. **Littauer's** knives are furnished also in straight and curved sharp bistouries and straight tenatomes.

B-340 **Luer's** pattern, furnished in all style blades.

B-345 **Swedish** pattern, furnished in all style blades.

**NOTE:** For blade styles and numbers, see ensuing pages.
STANDARD SURGICAL INSTRUMENTS

Operating Knife Blades
STANDARD SURGICAL INSTRUMENTS

Operating Knife Blades

37 38 39 40 42 46 48 50

67 68 69 70 71 72 76 90
Operating Knife Blades

52 53 54 55 56 57 58 59

60 61 62 63 64 65 66
Abscess Knives, Amputating Knives and Lancets

B-360 Abscess Knife, reversible, pencil case, single or double edge.
B-365 Abscess Knife Set, 1 straight and 1 curved, in metal holder.
B-370 Abscess Knife Set, Vaughan's, in pencil case, nickel or gold plated.
B-375 Abscess Lancet, folding, metal handle.
B-380 Abscess Lancet, folding, metal handle.
B-385 Amputating Knives, short, medium and long.
B-390 Amputating Knives, catlin's, short, medium and long.
B-400 Vaccinating Lancet and Comb, folding, metal handle.
B-405 Vaccinating Comb or Scratcher.

Knife Holders, Metal

B-405 Adjustable Knife Holder, sliding cover for 1, 2, 3, 4, 5 and 6 knives; the rack of this holder can be adjusted to fit almost any style of knife.
Haemostatic Forceps

*B-425 Barrett's, 6\(\frac{1}{4}\) inches, mortise joint.
B-430 Carmalt's, 6\(\frac{1}{4}\) inches, screw or aseptic joint, curved.
*B-431 Carmalt's, 6\(\frac{1}{4}\) inches, screw or aseptic joint, straight.
B-435 Ethridge's, straight, 5 inches, 6 inches, 7 inches, 8 inches.
B-436 Ethridge's, curved, 5 inches, 6 inches, 7 inches, 8 inches.
B-440 Ferguson's, curved, angiotriptic, 6\(\frac{1}{4}\) inches, 7\(\frac{1}{2}\) inches, screw joint.
*B-445 Ferguson's, curved, angiotriptic, 6\(\frac{1}{4}\) inches, 7\(\frac{1}{2}\) inches, mortise joint.
*B-448 Ferguson's, straight, angiotriptic, 6\(\frac{1}{2}\) inches, 7\(\frac{1}{4}\) inches, screw joint.
*B-450 Ferguson's, straight, angiotriptic, 6\(\frac{1}{2}\) inches, 7\(\frac{3}{4}\) inches, mortise joint.
*B-455 Ferguson's, straight, 4\(\frac{3}{4}\) inches, 5\(\frac{1}{2}\) inches, 6\(\frac{1}{2}\) inches, 7\(\frac{1}{2}\) inches.
Haemostatic Forceps

B-460 Halstead's, Johns Hopkins' pattern, 5½ inches, screw joint.
B-462 Halstead's, Johns Hopkins' pattern, 5½ inches, Collin's joint.
B-464 Halstead's, straight, 5½ inches, aseptic or screw joint.
B-466 Halstead's, curved, 5½ inches, aseptic or screw joint.
B-470 Halstead's, mosquito, straight, screw joint.
*B-471 Halstead's, mosquito, curved, screw joint.
B-475 Halstead-Kelly's, straight, mosquito, 4¾ inches, mouse tooth, screw joint.
Haemostatic Forceps

B-480 Kelly’s, straight, 5½ inches, fine pointed, round shanks, screw joint.

*B-481 Kelly’s, straight, 5½ inches, fine pointed, round shank, mortise joint.

B-482 Kelly’s, curved, 5½ inches, fine pointed, round shanks.

*B-483 Kelly’s, curved, 5½ inches, fine pointed, round shanks, mortise joint.

B-485 Kelly’s, straight, 5½ inches, fine pointed, flat shanks.

B-486 Kelly’s, straight, 5½ inches, mouse tooth, flat shanks.

B-487 Kelly’s, curved, 5½ inches, fine pointed, flat shanks.
Haemostatic Forceps

B-490  Murphy-Pean's, straight, 6⅜ inches, very light.
B-495  Mixter's, curved, 6 inches.
B-500  Mickulicz's, curved, 6¾ inches.
Haemostatic Forceps

B–505  Jones', straight, 5 inches, screw joint.

B–506  Jones', curved, 5 inches, screw joint.

B–508  Kocher's, straight, 4½, 5, 5½ and 6 inches, screw joint.

*B–510  Kocher's, straight, 5½ inches, mortise joint.
Haemostatic Forceps

B-515 Providence Hospital, straight, 5½ inches, mortise joint.
B-516 Providence Hospital, straight, 5½ inches, screw joint.
*B-517 Providence Hospital, curved, 5½ inches, mortise joint.
B-518 Providence Hospital, curved, 5½ inches, screw joint.
B-520 Tait's, straight, 4¾ inches, screw joint.
*B-521 Tait's, curved, 4¾ inches, screw joint.
B-525 Pean's, straight, aseptic or screw joint, 4½ inches, 5 inches, 5½ inches.
Haemostatic Forceps

B-530  Rochester-Carmalt's, curved, 6¼ inches, screw joint.
*B-531  Rochester-Carmalt's, curved, 6¼ inches, mortise joint.
*B-532  Rochester-Carmalt's, curved, 6¼ inches, mouse tooth, screw joint.
*B-533  Rochester-Carmalt's, curved, 6¼ inches, mouse tooth, mortise joint.
B-535  Rochester-Ochsner, straight, 6¼ inches, mouse tooth, screw joint.
B-536  Rochester-Ochsner, straight, 6¼ inches, mortise joint.
B-537  Rochester-Ochsner, straight, 7¼ inches, mouse tooth, screw joint.
B-538  Rochester-Ochsner, straight, 7¼ inches, mortise joint.
Haemostatic Forceps

B-540  Rochester-Pean's, straight, 6 1/2 inches, screw joint.
B-542  Rochester-Pean's, curved, 6 1/2 inches, screw joint.
*B-543  Rochester-Pean's, curved, 6 1/2 inches, mortise joint.
B-544  Pean's (Kelly-Pean's), curved, 6 1/2 inches, long jaw.
*B-545  Pean's, straight, 6 1/2 inches, long jaw.

Forceps Rings or Holders

B-570  Bunt's Forceps Ring or Holder, improved.
B-571  Bunt's Forceps Ring or Holder, original.
Intestinal and Marginal Tissue Forceps

*B-580  Allis', end teeth, screw joint.
B-582  Allis', end teeth, mortise joint.
B-584  Bainbridge's, curved, mortise joint.
*B-585  Bainbridge's, straight, mortise joint.
B-587  Barrett's, 6¼ inches, rubber jaws.
B-588  Barrett's, 8¼ inches, rubber jaws.
B-590  Barrett-Murphy's, 6 inches, spring, rubber jaws.
B-595  Child's, 9¾ inches, rubber jaws.
B-600  Jackson's, with heavy screw joint.
Intestinal and Marginal Tissue Forceps

B-605   Pratt-Smith’s T-shape.
B-610   Schoenberg’s, 7 3/4 inches, spring.
B-612   Schoenberg’s, 8 3/4 inches, ring handles.
B-615   Smith’s Marginal Tenaculum Forceps.
B-620   Young’s, 7 inches, rubber jaws, spring.
Dressing and Tissue Forceps

B-630 Dressing Forceps, 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 7 inches 8 inches, 9 inches, 10 inches, 11 inches, 12 inches.
B-640 Dressing Forceps, Kelly's, 5 inches.
B-645 Tissue Forceps, 1 and 2 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.
*B-650 Tissue Forceps, 2 and 3 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.
*B-655 Tissue Forceps, 3 and 4 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.
*B-660 Tissue Forceps, 4 and 5 teeth, 4½ inches, 5 inches, 5½ inches, 6 inches.
B-665 Tissue Forceps, Bonney's, heavy, one and two teeth.
B-670 Tissue Forceps, Bonney's, heavy, two and three teeth.
B-675 Tissue Forceps, Kelly's, 5 inches, 1 and 2 teeth, 2 and 3 teeth, 3 and 4 teeth.
B-680 Tissue Forceps, English pattern, extra heavy, 7 inches.
B-685 Tissue Forceps, Farka's, 4 and 5 teeth, 5 inches.
B-690 Tissue Forceps, Mayo's, 8 and 9 teeth, 3½ inches.
Dressing and Tissue Forceps

B-695 Tissue Forceps, London pattern.
*B-700 Tissue Forceps, Otto's, 5¼ inches, 4 and 5 teeth.
*B-701 Tissue Forceps, Roubaix's, straight, 5 inches, for suture work

B-703 Tissue Forceps, Roubaix's, angular, 5 inches, for suture work.
B-705 Tissue Forceps, Russian, 6 inches.
*B-710 Tissue Forceps, Stille's, 4 and 5 teeth, 5 inches.

Splinter Forceps

B-720 Carmalt's, straight, 4½ inches.
*B-721 Carmalt's, curved, 4½ inches.
B-725 Feilchenfeld's, 3 inches, 4½ inches.

*B-730 Little's, 4 inches.
B-735 Physicians' Ring Handle.
B-740 Plain, 2½ inches, 3 inches, 3½ inches, 4 inches.
Towel Forceps

B-750  Backhaus', short, 3 inches.
B-755  Backhaus', long, 5½ inches, screw lock.
B-756  Backhaus', long, 5½ inches, with mortise joint.

B-758  Doyen’s, self-retaining, with ring.
B-760  Jones.’
B-765  Lane’s.
*B-767  Moynihan’s, single prong.
B-770  Moynihan’s, double prong.

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Sterilizer Forceps

B-778  Van der Poel's, long.
B-779  Van der Poel's, short.
B-780  Three Prong, 8 inches.
B-781  Three Prong, 12 inches.

Iodine Sponge Forceps

B-785  Loth's, plain, aluminum jaws.
Sponge Holding Forceps

B-790  Bellevue, plain blade.
B-791  Bellevue, serrated blade.
B-793  De Lee's, sponge holding and dressing, heavy.
B-795  Polk's, sponge.
**Sponge Holding Forceps**

B-797  *Foerster's*, straight, 7 inches, plain jaw.

B-798  *Foerster's*, straight, 7 inches, serrated jaw.

B-799  *Foerster's*, straight, 9½ inches, plain jaw.

B-800  *Foerster's*, straight, 9½ inches, serrated jaw.

B-802  *Foerster's*, curved, 7 inches, plain jaw.

B-803  *Foerster's*, curved, 7 inches, serrated jaw.

B-804  *Foerster's*, curved, 9½ inches, plain jaw.

B-805  *Foerster's*, curved, 9½ inches, serrated jaw.

B-806  *Haslam's*, combined sponge, dressing and seizing.

*B-808  *Kelly's*.
Operating Scissors

B-820 Scissors, straight No. 1, two blunt points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.

B-825 Scissors, straight, No. 2, one blunt and one sharp point. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.

B-830 Scissors, straight, No. 3, two sharp points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.

B-835 Scissors, curved on flat, No. 1, two blunt points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.

B-840 Scissors, curved on flat, No. 2, one blunt and one sharp point. Size, 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.

B-845 Scissors, curved on flat, No. 3, two sharp points. Size: 4 inches, 4½ inches, 5 inches, 5½ inches, 6 inches, 6½ inches, 7 inches.
Operating Scissors—Hand Forged

These scissors are made in the very latest Flat Form pattern, from English steel, and are hand forged throughout.

B-850 Deaver’s, straight, hand forged.
B-851 Deaver’s, curved on flat, hand forged.
B-855 Noble’s, straight, 6½ inches, hand forged.
B-856 Noble’s, curved on flat, 6½ inches, hand forged.
*B-858 Noble’s, straight, 6½ inches, Mayo dissecting blades, hand forged.
*B-859 Noble’s, curved on flat, 6½ inches, Mayo dissecting blades, hand forged.
Operating Scissors

B-860  Doyen's, straight, 7 inches, abdominal.
* B-861  Doyen's, curved on flat, 7 inches, abdominal.
B-862  Ferguson's, angled on flat, 7 inches, 8 inches.
B-865  Mayo's, straight, 5 inches, 5 1/2 inches.
B-866  Mayo's, curved on flat, 5 inches, 5 1/2 inches.
Operating Scissors

B-868  Mayo, straight, dissecting, $5\frac{1}{2}$ inches, $6\frac{3}{4}$ inches.
*B-870  Mayo's, curved on flat, dissecting, $5\frac{1}{2}$ inches, $6\frac{3}{4}$ inches.
B-872  Mixter's, straight, 6 inches.
B-873  Mixter's, curved on flat, 6 inches.
B-875  Vizien's, curved on edge.
Retractors—General

*B-900  Bilroth’s, blunt, 3 prongs.
B-905  Collin’s, set of two, fenestrated.
B-910  Forwood’s, set of two.
B-912  Goelet’s, double.
B-918  Lange’s, major.
*B-919  Lange’s, minor.
B-922  Parker’s, set of 2, short, long.
B-925  Richardson’s, small, original.
*B-930  Schultz’s, blunt, 6 prongs.
B-931  Schultz’s, sharp, 6 prongs.
B-935  U. S. Army, steel, set of two.
Retractors—General

B-940  Volkman's, sharp, 2 prongs, 3 prongs, 4 prongs, 5 prongs, 6 prongs.

B-945  Volkman's, blunt, 2 prongs, 3 prongs, 4 prongs, 5 prongs, 6 prongs.

B-950  Deaver's, short, 1 inch wide.

B-951  Deaver's, long, 1 inch wide.

B-952  Deaver's, extra long, 1 inch wide.

B-953  Deaver's, extra long, 2 inches wide.

B-954  Eastman-Richardson's, double ended, set, nested; blades $\frac{3}{4}$ x 2 inches and 2 x $2\frac{1}{2}$ inches.
Retractors—General

B-955 Donoghue's, 3 sizes.
B-960 Doyen's, thin steel blade.
*B-965 Fritsch's, small.
B-966 Fritsch's, large.
B-970 Kelly's, original model, 4 sizes.
B-975 Roux's, double ended, blades $\frac{3}{8}$ and $1\frac{1}{2}$ inches wide.
B-976 Roux's, double ended, blades $1\frac{3}{8}$ and $1\frac{7}{8}$ inches wide.
B-980 Studdiford's.
Retractors—Self Retaining

B-990 Balfour's.
B-991 Balfour's, narrow blade only.
B-993 Frazier's, laminectomy.
B-995 Gelpi's, perineal.
B-998 Gelpi's, modified by Pitkin, perineal.
Retractors—Self Retaining

B-1000  Gossert's, self retaining, large.
B-1001  Gossert's, self retaining, small.
B-1005  Mayo-Collins', for appendectomy and herniotomy.
*B-1006  Mayo's (Dr. W. J.), for appendectomy and herniotomy. This retractor is the same as B-1005, minus the third blade.
B-1008  Mayo-Collins'-Simpson's, abdominal.
*B-1010  Mayo-Simpson's, abdominal. This retractor is the same as B-1008, minus the third blade.
Directors, Probes, etc.

B-1050 Director, *Boyd's*, hernia.

B-1052 Director, grooved, with aneurism needle, plated.

B-1054 Director, grooved, with tongue tie, plated.

B-1055 Director, grooved, with tongue tie, probe point, plated.

B-1057 Director, **Kocher's**.

B-1060 Probe, with eye, plated, 4 1/2 inches, 5 inches, 5 1/2 inches, 6 inches, 8 inches, 10 inches, 12 inches.

B-1062 Probe, with eye, silver, same lengths as B-1060.

B-1063 Probe, spear point, plated, same lengths as B-1060.

B-1064 Probe, spear point, silver, same lengths as B-1060.

B-1070 Probes, **Desjardine's**, gall stone, 3 sizes.

B-1072 Probe, **Faenger's**, spiral, for gall duct; can also be used as a catheter.

B-1074 Probe, **Mayo's**, block tin, with scoop and director, for gall duct.
B-1080 Spoon, Beck’s, for depressing the intestines in suturing the peritoneum.

B-1085 Tucker, Mayo-Boldt’s, for tucking in the cuff of the appendix.

B-1086 Tucker and Packer, Mayo-Kelly’s.

B-1090 Vein Stripper, Babcock’s, jointed.

B-1095 Vein Stripper, Mayo’s, 3 sizes, for stripping or dissecting varicose veins.
Chisels

B-1110 Plain, 3 widths.
B-1115 Bruns', 3 widths.
B-1117 Gutsch's, 3 widths.
B-1119 McEwen's, 3 widths.
B-1120 U. S. A. pattern, bevel edge, 6, 11 and 14 mm.
B-1121 U. S. A. pattern, osteotome edge, 6, 11 and 14 mm.

Gouges

B-1130 Plain, 3 widths.
B-1135 Bruns', 3 widths.
B-1137 Gutsch's, 3 widths.
B-1140 McEwen's, 3 widths.
*B-1142 Scymanowsky's, large.
B-1145 U. S. A. pattern, 6 widths.
Mallets

B-1160  Boxwood, plain, metal bound.
B-1162  Fibre, metal handle.
B-1164  Hajek's.
B-1166  Jansen's, small.
B-1168  Lead, regular.
B-1170  Lead, extra small.
B-1172  Morgan's, hard copper.
*B-1175 Rawhide, small, large.
STANDARD SURGICAL INSTRUMENTS

Bone Curettes

B-1190  Brun's, 3 sizes.
B-1195  Farabeuf's, curved, 1 size.
B-1197  Ferguson's, combined with pereosteotome.
B-1200  Luer's, 3 sizes, same as No. 1190.
B-1202  Schede's, 3 sizes.
Bone Curettes

B-1205 Simon's, bone sinus, double ended.
B-1207 Volkmann's, 6 sizes.
B-1209 Volkmann's, oval, double end, 4½ inches, 5 inches, 5½ inches, 6½ inches, 7½ inches.
B-1215 Volkmann's, round and oval end, improved pattern, 5 inches, 6½ inches, 8 inches.
B-1220 Volkmann's, double end, English pattern, 8 inches.