Nasal Instruments
Antrum, Frontal Sinus and Sphenoidal

C-3775 Protector, Good's, frontal sinus, 3 sizes.
C-3780 Rasp, Brawley's, antrum.
C-3781 Rasp, Brawley's, frontal sinus.
C-3785 Rasp, Gallaher's, antrum or frontal sinus, straight, concave and convex.
C-3790 Rasp, Good's, frontal sinus, right and left, 2 sizes.
C-3791 Rasp, Good's, sphenoidal.
C-3795 Rasp, Sullivan's, frontal sinus, 4 sizes.
C-3796 Rasp, Sullivan's, frontal sinus, 4 sizes for one handle.
*C-3798 Rasp, Thompson's, frontal sinus, 2 models.
C-3800 Rasp, Weiner's, universal, frontal sinus.
*C-3805 Sound, Good's, frontal sinus, set of 3.
Nasal Instruments
Antrum, Ethmoid, Sphenoid and Frontal Sinus

Canulae
C–3810 Bezold's, antrum, right and left.
C–3815 Bresgen's, frontal sinus.
*C–3820 Fish's, antrum, delicate.
C–3825 Fraenkel's, antrum.
C–3830 Gruenwald's, frontal sinus.
C–3831 Gruenwald's, sphenoidal sinus.
C–3835 Hartman's, antrum.
C–3836 Hartman's, frontal sinus.
C–3840 Killian's, antrum.
C–3845 Myles', antrum, 3 sizes.
C–3846 Myles', exploring.

Drainage Tubes
C–3850 Hovell's, silver.
*C–3855 Myles', soft rubber, 3 sizes.

Needles
C–3860 Killian's, right or left.
Nasal Instruments
Antrum, Ethmoid, Sphenoid and Frontal Sinus

Suction Apparatus

C-3870 Brawley's.
C-3875 Haskin's, complete with tubing and 3 silver tubes of different calibre.

Syringes

C-3880 Antrum, for use with washing canulae.
C-3885 Antrum, Abraham's, with steel trocar needle.
STANDARD SURGICAL INSTRUMENTS

Post Nasal Instruments
Adenotomes and Curettes

C-3900 Barnhill's, 5 sizes.
*C-3905 Beck's, with waved edge.
C-3910 Beckmann's, 4 sizes.
*C-3915 Boston's, for infants, 1 size.

*C-3920 Collum's, with sliding blade.
C-3925 Delstanche's, 3 sizes.
C-3930 DeRoalde's, 4 sizes.
C-3935 Ingersoll's, 1 size.
Standard Surgical Instruments

Post Nasal Instruments

1

2

3

C-3940

C-3950

C-3955

C-3960
Post Nasal Instruments

Adenotomes and Curettes

C-3940 Gottstein's, 3 sizes.
* C-3945 Kirstein's, 3 sizes.
C-3950 LaForce's, 3 sizes.
C-3955 LaForce's, set of 3 sizes with one handle.
C-3960 Royce's, 3 sizes.
* C-3965 Sluder's, 3 sizes.
C-3970 St. Clair Thomson's, 4 sizes.
C-3975 Stevenson's modification of LaForce's.
C-3980 Stubb's, 4 sizes.
* C-3985 Todd's, right and left, 2 sizes.
C-3990 Vogel's, for infants, 1 size.
Post Nasal Instruments

C-4000

C-4025-4026-4027

C-4040

C-4020

C-4065

C-4060

C-4005
Post Nasal Instruments

Adenoid Cutting Forceps

C-4000  Brandegee's, 2 sizes, latest.
C-4005  Chatellier's.
C-4010  Cohen's, fenestrated.
*C-4015  Curtis'.
C-4020  Doyen's, cutting.
C-4025  French's, lymphoid, Fig. B.
C-4026  French's, vault, Fig. A.
C-4027  French's, latest, Fig. C.
C-4030  Jurascz's, original pattern, 3 sizes.
*C-4031  Jurascz's, latest pattern, 2 sizes.
C-4035  Hooper's.
C-4040  McAuliff's.
*C-4045  Meniere's.
C-4050  Prince's, latest pattern.
*C-4055  Quinlan's.
C-4060  Ruault's.

Adenoid Grasping Forceps

C-4065  Doyen's.
*C-4070  Kathi's.
C-4075  Stille's, sponge and dressing.
*C-4080  Wagner's.
Nasal Instruments, Sundries

Douches
C-4100 Birmingham, glass.
C-4105 Gem, pocket.
C-4110 Holmes', post nasal.
*C-4115 Warner's, post nasal.

Inhalers
C-4120 Evans', pocket glass.

Insufflators
C-4130 DeVilbiss' No. 36.
C-4135 Scoop, hard rubber tube.

Syringes (see page 27)
*C-4140 Catarrhal, hard rubber, ½ ounce.
*C-4141 Catarrhal, hard rubber, 1 ounce.
Nasal Instruments

Atomizers and Nebulizers, Hand

C-4150  DeVilbiss' No. 10, nasal douche, throws heavy stream.
C-4152  DeVilbiss' No. 13, all glass and hard rubber, for corrosive solutions.
C-4153  DeVilbiss' No. 15, for oils or aqueous solutions.
C-4154  DeVilbiss' No. 16, same as No. 15, but with hard rubber outlet tube for corrosive solutions; and extra bottle.
C-4155  DeVilbiss' No. 28, will spray from any container; with hard rubber outlet tube for corrosive solutions.
C-4156  DeVilbiss' No. 49, for nebulizing oils only for inhalation.

Complete booklet of DeVilbiss spray apparatus furnished on request.
Nasal Instruments

Atomizers and Nebulizers, Compressed Air

C-4170 DeVilbiss' No. 52, for oils or aqueous solutions.
C-4171 DeVilbiss' No. 56, for oils or aqueous solutions, with 3 tips.
C-4172 DeVilbiss' No. 58, produces a very fine spray. For oils or aqueous solutions.
C-4173 DeVilbiss' No. 73, powder insufflator.
C-4174 DeVilbiss' No. 80, nebulizer, for oils only.
C-4175 DeVilbiss' No. 528, set of 3, one each, Nos. 52, 73 and 80, in metal rack.
C-4176 DeVilbiss' No. 527, set of 3, hard rubber, in metal rack.
C-4177 DeVilbiss' No. 519, set of 6, in electric bulb heater rack, 2 each, Nos. 52 and 80, 1 each, Nos. 56 and 73; in ordering specify whether wanted for 110 or 220 voltage.

Complete booklet of DeVilbiss spray apparatus furnished on request.
Compressed Air Outfits and Cut-offs

C-4190  Compressed Air Tank, with T-handle pump, set of 3 hard rubber atomizers, 4 feet of silk-covered tubing with cut-off, and 4 feet of linen-lined rubber tubing.

C-4195  Boeckel's, improved cut-off, automatic.

C-4200  DeVilbiss', cut-off, automatic.

C-4205  Polyclinic, cut-off, automatic.

C-4210  Sorensen's, cut-off, automatic.

C-4215  Yankauer's, cut-off, automatic.

*C-4220  Air Pump, double cylinder, lever handle.

*C-4221  Air Pump, single cylinder, T-handle.
STANDARD SURGICAL INSTRUMENTS

Tankless Air Compressors and Suction Apparatus

C-4230

C-4240

C-4245
Tankless Air Compression and Suction Apparatus

C-4230  **Sorensen's** No. 220, in white enamel steel cabinet, 47 inches high, 18 inches wide, net weight 60 pounds, shipping weight 105 pounds, for 110 volt D.C. and 110 volt, 60 cycle A.C. This outfit will give an instant pressure from zero to 50 pounds. It will maintain a steady, continuous pressure of 30 to 40 pounds. It consists of a 1-6 horse-power motor, a 3-cylinder eccentric pump with pressure gauge, two 5-foot silk-covered pressure tubes with cut-offs attached, 5-foot soft rubber tube with suction cup and suction release, one regulator and purifiers, cord and plug, ready for use.

C-4231  **Sorensen's**, Midget, No. 50, on white enamel stand, complete as shown, height 48 inches, motors base 8 1/2 inches, net weight 25 pounds, shipping weight 45 pounds; for 110 volt D.C. or 110 volt, 60 cycle A.C. This outfit will maintain a steady, continuous pressure from 10 to 15 pounds.

C-4235  **Coffin's** Combination Positive and Negative Pressure Apparatus, for cleaning and treating the accessory cavities of the nose.

C-4240  **Sorensen's** Vacuum Sinus Cleanser, on stand, with vacuum gauge.

C-4241  **Sorensen's** Vacuum Sinus Cleanser, without stand and vacuum gauge.

C-4245  **Yankauer's** Combination Pressure and Suction Outfit for 110 volt D.C., and 110 volt, 60 cycle A.C., complete as shown.

Complete illustrated booklet on Tankless Apparatus sent on request.
STANDARD SURGICAL INSTRUMENTS

**Tankless Air Compressors and Suction Apparatus**

C-4250 **Steiner Aeroizer**, positive pressure and suction, hot air douche, **Biers’ hype­remia**, aero-massage and anaesthetiz­ing; this apparatus heats the ether vapor; the motor is universal for either 110 D.C., or 110 A.C., complete as shown.

C-4255 **Safety Valve Float**, for use with any tankless suction apparatus; prevents suction bottle from overflowing.

**Brackets and Light Condensors**

C-4260 **Coakley’s**, electric light stand, complete with spiral filament lamp.

C-4265 **Condenser, Boekel’s**, improved, for Edison 16 c.p. lamp.

C-4270 **Condenser, McKenzie’s**, for electric light Argand burner or students’ lamp.

C-4273 **Extension Bracket, 2 arm**, polished brass or nickel-plated.
Head Bands

C-4300  Bosworth's.
C-4305  Fraenkel's, without mirror.
C-4310  French's, with silk strap.
C-4315  Gleason's, with leather strap.
C-4320  Haslam's, with nose rest.
C-4325  Ivan's, webbing band.
C-4330  Jefferson's, leather band.
C-4335  Pynchon's, adjustable fibre.
C-4340  Pynchon's, metal front plate, hard rubber back, webbing band.
C-4345  Schroetter's, with nose rest.
C-4350  Worrall's, metal spring, plain.
C-4351  Worrall's, metal spring, folding.
C-4352  Worrall's, metal with cross spring.
Head Mirrors and Laryngeal Mirrors

C-4375  Head Mirrors, regular, small hole 3, 3½ and 4 inches.

C-4376  Head Mirrors, regular, ½-inch hole, 3, 3½ and 4 inches.

C-4380  Head Mirrors, Fraenkel's, aluminum back, with protectors, 3, 3½ and 4 inches.

C-4385  Head Mirror Protectors, aluminum, 3, 3½ and 4 inches.

C-4390  Laryngeal Mirrors, without handle, sizes 00 to 7, boilable.

C-4391  Laryngeal Mirrors, with handle, sizes 00 to 7, boilable.

C-4395  Universal Handle for laryngeal mirrors.

C-4400  Laryngoscopic Set, complete in case.
Nasal and Throat Instruments

Electric Headlights

C-4410  E. S. I. Co. Headlight, with focusing lens, used with current controller.
C-4415  Hood's Headlight, with leather band and nitrogen lamp.
C-4420  Murphy's Headlight, adjustable fibre band.
*C-4421  Murphy's Headlight, with Worrall's spring headband.
*C-4425  Pynchon's Headlight, with Worrall's spring headband.
Electro Diagnostic Instruments

C-4450 Dowling Antrum Illuminator, E. S. I. Co.
*C-4451 Extra lamps for above. E. S. I. Co. No. 6.
C-4452 E. S. I. Co. Antrum Illuminator.
*C-4453 Extra lamps for above. E. S. I. Co. No. 17 (6 volts), No. 18 (10 volts).
C-4454 E. S. I. Co. Frontal Sinus Illuminator.
*C-4455 Extra lamps for above. E. S. I. Co. No. 14 (6 volts), No. 15 (10 volts).
C-4456 E. S. I. Co. General Diagnostic Illuminator.
*C-4457 Extra lamps for above. E. S. I. Co. No. 7.
C-4458 E. S. I. Co. Laryngoscope and Mouth Lamp.
*C-4459 Extra lamps for above. E. S. I. Co. No. 1.
C-4460 Holmes Naso Pharyngoscope, complete in metal case with cords and 1 extra lamp, E. S. I. Co.
*C-4461 Extra lamps for the above, remounted. E. S. I. Co.
Electro Diagnostic Illuminators

*C-4463 Coakley’s Transilluminator.
C-4465 Freer-Jackson’s Transilluminator.
*C-4466 Extra lamps for above.
C-4470 Sullivan’s Antrum and Frontal Sinus Illuminator, E. S. I. Co.
*C-4471 Extra lamps for above. E. S. I. Co. No. 14 (6 volts), No. 15 (10 volts).

Socket Current Controller

C-4475 E. S. I. Co., complete with cords and lamp.
*C-4476 E. S. I. Co., without cords and lamp.
C-4480 Steiner’s, with lamp.
*C-4485 Wappler’s, with lamp.
*C-4477 E. S. I. Co., silk-covered cords, regular connection.
*C-4478 E. S. I. Co., silk-covered cords, with make and break connection.
*C-4479 E. S. I. Co., Tungsten battery.
Dermal Instruments

Comedo Extractors

*C-4500 Jackson’s, acne lancet.
*C-4501 Jackson’s, comedo expressor.
C-4505 Martin’s, double.
C-4510 Piffard’s.
C-4515 Saalfeld’s, with acne lancet.
C-4516 Saalfeld’s, short, with acne lancet.
C-4520 Schamberg’s, illustration full size.
C-4525 Unna’s, double.

Dermal Curettes

C-4535 Fox’s.
C-4536 Fox’s, with acne lancet.
*C-4540 Hebra’s.
C-4545 Piffard’s.
C-4550 Stelwagon’s, 2 sizes of long oval spoons.
C-4555 Wright’s.

Pencil

C-4560 Dermatograph, with metal protecting cap, blue or red.

Punch

C-4565 Keyes’, cutaneous, sizes 2 to 7 mm. For eradicating powder marks, moles, etc.
Staphylorrhapsy Instruments

*C-4575 Forceps, tissue, straight, 1 x 2, 3 x 4, 4 x 5 teeth.
*C-4576 Forceps, tissue, curved, 1 x 2, 3 x 4, 4 x 5 teeth.
*C-4580 Forceps, tissue, Brophy's, straight.
*C-4581 Forceps, tissue, Brophy's, curved.
*C-4583 Forceps, plain, Brophy's, straight, serrated points, 6 1/2 inches.
*C-4585 Forceps, tongue, London pattern.
*C-4590 Forceps, Brophy's, wire twisting.
*C-4595 Forceps, Walcher's, suture removing.
*C-4600 Hook, Brophy's, ligature.
*C-4601 Hook, Langenbeck's, sharp.
*C-4602 Hook, Updegraff's, curved, sharp.
*C-4605 Knife, Brophy's, straight scalpel, long shank.
*C-4606 Knife, Brophy's, double edged.
*C-4607 Knife, Brophy's, straight back, very thin.
*C-4608 Knife, Brophy's, curved bistoury.
*C-4609 Knife, Brophy's, angular, double edged.
*C-4610 Knife, Crile's.
*C-4611 Knife, paring.
*C-4612 Knife, Updegraff's, curved, sharp.
*C-4613 Knife, Whitehead's, gum.
*C-4614 Knife, Whitehead's, hoe shape.
*C-4615 Needle, Deschamps', right and left, sharp.
*C-4616 Needle, Updegraff's, half curved.
*C-4617 Needle, Updegraff's, full curved.
Staphylorrhaphy Instruments

C-4618 Needle, Brophy's, bone, right and left.
*C-4619 Needle, Whitehead's, spiral.
C-4620 Needle Holder, Brophy's.
C-4621 Needle Holder, Von Eisberg's.
C-4622 Pereosteeotome, Brophy's, right angle, narrow and wide.
C-4623 Pereosteeotome, Brophy's, acute angle, narrow and wide.
*C-4624 Plates, lead, Brophy's, 2 thicknesses (operation requires 6).
*C-4625 Punch, Brophy's, for lead plates.
C-4626 Scarifyers, Brophy's, right and left.
C-4627 Scissors, Brophy's, gum, 5 1/4 inches.
*C-4628 Scissors, Brophy's, wire cutting.
*C-4629 Shield with nipple, for nursing bottle.
*C-4630 Shield, breast, for cleft palate babies.
*C-4631 Speculum, Brophy's, oval, set of 4 sizes.
Dental Forceps

*C-4650 Incisor Forceps, curved, lower, No. 14.
*C-4651 Incisor Forceps, upper, No. 13.
*C-4652 Molar Forceps, upper or universal, No. 8.
*C-4653 Molar Forceps, upper or universal, curved handles, No. 24.
C-4654 Molar Forceps, upper, right, No. 18 R.
*C-4655 Molar Forceps, upper, left, No. 18 L.
C-4656 Molar Forceps, lower, either side, beaked jaw, No. 17.
C-4657 Molar Forceps, lower, either side, plain jaw, No. 27.
*C-4658 Molar Forceps, lower, right, No. 28 R.
*C-4659 Molar Forceps, lower, left, No. 28 L.
*C-4660 Root Extractors or Elevators, ebony handle, 12 styles.
*C-4661 Root Extractors or Elevators, metal handle, 12 styles.
C-4662 Root Forceps, straight, No. 1.
*C-4663 Root Forceps, half curved, upper, No. 2.
*C-4664 Root Forceps, full curved, lower, No. 3.
C-4665 Root Forceps, upper, universal, No. 7.
C-4666 Root Forceps, upper back, bayonet, No. 35.
Oral Instruments

Tongue Depressors

*C-4680 Andrew's, steel.
*C-4685 Bosworth's.
*C-4690 E. S. I. Co., electrically lighted.
C-4691 Extra lamps for above. E. S. I. Co. No. 1.
*C-4695 Farlow's, forged steel.
*C-4698 Fraenkel's.
*C-4700 Folding, double fenestrated.
*C-4705 Haslam's handle for wood depressors.
*C-4710 Hamilton's, adult and child's.
*C-4715 Jackson's.
*C-4718 Kyle's.
*C-4720 Layman's, 2 sizes.
*C-4725 Pierce's, steel.
*C-4730 Pynchon-Andrews', latest.
*C-4735 Sass', plain.
*C-4740 Sass', fenestrated.
*C-4745 Sawyer's.
*C-4750 Snowden's, folding.
*C-4755 Wire, folding.
*C-4760 Wood Depressors, 500 in box.
Throat Instruments

Mouth Gags (see also page 61)

* C-4765 Alter-Jenning's.
C-4770 Dann-Jenning's, with cheek retractors, 2 sizes.
C-4775 Denhardt's, steel.
* C-4776 Denhardt's, with anaesthesia tubes.
C-4780 Doyen's, with anaesthesia tubes.
* C-4781 Doyen's, plain.
C-4785 Ferguson's, steel.
* C-4786 Ferguson-Gwathmey's, with anaesthesia tubes.
C-4790 French's, steel.
C-4795 Forgrave's, new.
C-4800 Green-Martin's, latest.
**Throat Instruments**

**Mouth Gags (see also page 61)**

- C-4805 Green-Sewall's, with two tongue depressors.
- *C-4806 Green-Sewall's, depressor with anaesthesia tube.
- C-4810 Jenning's, 2 sizes.
- *C-4811 Jenning's, with anaesthesia tube, 2 sizes.
- C-4812 Jenning's, with tongue depressor, 2 sizes.

- *C-4815 Murdoch's, steel.
- C-4820 Oral screw, hard rubber.
- C-4825 Stubb's, steel.
- C-4830 Whitehead's, plain, 2 sizes.
- *C-4831 Whitehead's, with tongue depressor, 2 sizes.
- *C-4832 Whitehead's, with handles at both ends.

**Uvula Retractors and Scissors**

- *C-4840 Hind's Retractor.
- *C-4845 Roe's Retractor.

- *C-4850 White's Self-retaining Retractor.
- *C-4855 Wood's Uvula Scissors.
STANDARD SURGICAL INSTRUMENTS

Tonsil Curettes

*C-4870 Abraham's.
*C-4875 Meierhof's.

Tonsil Dissectors

C-4880 Allerdyce's, double ended.
C-4885 Carpenter's, double ended, latest model.
*C-4890 Cullom's, double ended, right and left.
*C-4895 Dickinson's, dissector.
*C-4900 Freer's, pillar separator.
C-4905 Harris', dissector and knife.
C-4910 Hurd's, dissector and pillar retractor.
*C-4915 Lynch's, dissector.
*C-4920 Martin's, double ended, blades serrated on one side.
C-4925 McWhinnie's, dissector and spoon.
C-4930 Millette's, dissector and knife.
C-4935 Smith's, double ended.
*C-4940 Tivnen's, dissector and enucleator.
*C-4945 Todd's, dissector.
C-4950 Winkler's, enucleator.
C-4955 Yankauer's, large.
C-4956 Yankauer's, small.
Tonsil Haemostats

*C-4970 Beck’s, with inner blade arranged to hold gauze pad.
*C-4975 Boettcher’s.
C-4980 Corwin’s, with spring clamps to hold gauze pad.
*C-4985 Cullom’s, with clamp to hold gauze pad on inner blade.
*C-4990 Good’s, self-adjustable.
*C-4995 Mickulicz-Stoerck’s.
C-5000 Tivnen’s, pad of aluminum.

Tonsil Hooks

C-5005 Boettcher’s, double.
C-5010 Carter’s, tenaculum.
C-5015 Dickinson’s, retractor.
*C-5020 Dickinson’s, tenaculum, 3 prong.
*C-5025 Jackson’s, slitter.
*C-5030 Lewis’, screw.
*C-5035 Pierce’s, tonsil hook.
*C-5040 Plain, single, sharp.
*C-5045 Plain, single, blunt.
*C-5046 Plain, double, sharp.
*C-5050 Pond’s, dissecting.
C-5055 Schmidt’s, splitter, bent on flat.
C-5056 Schmidt’s, splitter, bent on edge.
**Tonsil Forceps**

*C-5070*  Abraham's.
*C-5075*  Andrews', 2 closed rings.
*C-5076*  Andrews', 1 open ring.
*C-5080*  Ballenger's, 2 closed rings.
*C-5081*  Ballenger's, 1 open ring.
*C-5085*  Casselberry's, 1 open ring.
*C-5090*  Cullom's.
*C-5095*  Eve's.
*C-5105*  Lynch's, 2 open rings.
*C-5110*  Royce's, seizing.
*C-5111*  Royce's, haemostat and sponge holding.
*C-5100*  Kean's, new.
Tonsil Forceps

C-5115  Lerche's.
C-5120  Moraweck's, angular.
*C-5125  Pynchon's, spring handles.
C-5130  Richard's.
C-5135  Robertson's.
C-5140  Swan's.
C-5145  Todd's.
C-5150  White's.
C-5155  Yankauer's.
**Tonsil Forceps**

C-5160  Ballenger’s, sponge holding, 7 inches.
*C*-5165  Boettcher’s, angular, seizing.
*C*-5170  Howe’s, tonsil haemostat.
C-5175  Mickulicz-Pierce’s tonsil haemostat or seizing.
C-5180  Sawtelle’s tonsil haemostat.
C-5185  Schmidt’s, tonsil haemostat.
*C*-5190  Tivnen’s, tonsil seizing.
C-5195  Tyding’s, tonsil seizing.
*C*-5200  Watson’s, tonsil seizing, with catch.
C-5201  Watson’s, tonsil seizing, without catch.
STANDARD SURGICAL INSTRUMENTS

C-5220
Abraham’s.

C-5221
Abraham’s, curved, double edge.

* C-5225
Allport’s, curved, single wave edge.

C-5226
Allport’s, curved, triple wave edge.

C-5227
Allport’s, curved, quadruple wave edge.

C-5230
Ballenger’s, pillar, large and small.

*C-5235
Beck’s, scalpel.

*C-5240
Bistoury, curved, probe pointed.

*C-5245
Dean’s, straight, double edge.

C-5246
Dean’s, angled on flat, double edge.

C-5250
Douglass’. 

C-5255
Freer’s, curved, right and left.

*C-5256
Freer’s, pillar, angled on flat, large, 9½ inches long.

*C-5257
Freer’s, pillar, angled on flat, narrow.

C-5260
Kyle’s, crypta.

C-5265
Lothrop’s, double.

C-5270
Leland’s, right and left.

C-5275
Pierce’s, dissecting, curved, small and large.

C-5280
Robertson’s, curved, double edge.

C-5285
Swan’s, right angled, wave edge.

*C-5286
Swan’s, curved, wave edge.

C-5290
Tyding’s, curved on edge.

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Tonsil Punches

C-5300 Farlow's, heavy.
C-5305 Hartmann's, oval, ring handles.
*C-5306 Hartmann's, oval, stem only for universal handle.
C-5307 Hartmann's, round, ring handles, 8 sizes.
*C-5308 Hartmann's, round, stem only for universal handle, 9, 11 and 13 mm.
C-5309 Hartmann's, triangular, ring handles.
*C-5310 Hartmann's, triangular, stem only for universal handle.
C-5315 Myles', straight, ring handles.
*C-5316 Myles', straight, stem only for universal handle.
*C-5317 Myles', right and left, ring handles.
*C-5318 Myles', right and left, stem only for universal handle.
*C-5320 Rhodes'.
*C-5325 Robert's, latest, with claws, small and large.
*C-5326 Robert's, latest, with claws, stem only for universal handle, large and small.
*C-5330 Rualt's, with large blade cutting up or cutting down.
*C-5335 Universal handle to fit above stems.
Tonsil Suture Instruments

C-5350 Applicator, for applying Michel's sutures.
C-5355 Remover, for removing Michel's sutures.
*C-5360 Universal Handle, fitting above blades.
C-5365 Applicator, Wagner's, for applying Michel's sutures
C-5370 Forceps, Wagner's, for removing Michel's sutures.
C-5375 Needle, Durham's, right angled.
C-5376 Needle, Durham's, curved to right.
C-5377 Needle, Durham's, curved to left.
C-5380 Needles, MacCuen Smith's.
*C-5385 Needles, McReynold's, full curved.
*C-5386 Needle Holder, McReynold's.
Tonsil Scissors

- **C-5400**: Boetcher's, curved on flat.
- *C-5402*: Craig's.
- **C-5405**: Dean's.
- *C-5410*: Good's, latest serrated handles.
- **C-5415**: Griffin's, curved on flat, correct model.
- *C-5420*: Kirkpatrick's, curved to right, serrated edge.
- *C-5421*: Kirkpatrick's, curved to left, serrated edge.
- *C-5425*: Maclay's, latest.
- **C-5430**: Metzenbaum's, 7 inches.
- **C-5440**: Prince's, curved on flat.
- *C-5445*: Robertson's, curved to right.
- *C-5446*: Robertson's, curved to left.
- *C-5450*: Windle's.
- **C-5455**: Yankauer's, curved on flat, serrated edge.

Tonsil Suction Apparatus

- *C-5465*: Muck's.

Tonsil Syringes and Needles

(See page 24)
Tonsil Snares and Tonsilectomes

C-5480 Beck’s, original tonsilectome.
C-5485 Beck-Schenck’s, with 1 Vedder tip.
C-5486 Beck-Schenck’s, with 1 Vedder and 1 straight tip.
C-5487 Beck-Schenck’s, with 3 Vedder and 1 straight tip.
C-5490 Brown’s, with 1 Vedder and 1 straight tip.
C-5495 Churchman-Beck’s.
C-5500 Tyding’s Snare.
**Tonsil Snares and Snare Wire**

- **C-5510** Eve's, with 12 wires.
- **C-5511** Eve's, with ratchet, with 12 wires.
- **C-5512** Eve's, with Vedder tip, with 12 wires.
- **C-5515** Farlow's, original model.
- **C-5520** Farlow-Boettcher's.
- **C-5525** Hill's.
- **C-5530** Lewis'.
- **C-5535** Sloane's.
- **C-5540** Smith's.
- **C-5545** Watson's.
- **C-5550** Wright's.
- **C-5555** Snare Wires, shaped for stilette.
- **C-5556** Snare Wire, on spool.
- **C-5557** Snare Wire, in ¼ pound coils, Nos. 5 to 8.
- **C-5558** Snare Wire Loops, Yankauer's twisted.
- **C-5559** Snare Wire Loops, twisted, for use without stilette.
Tonsilectomes and Tonsil Guillotines

C-5570  Baum's Tonsilectome, improved.
C-5575  LaForce's Hemostatic Guillotine, with detachable handle.
C-5580  Sluder's Tonsil Guillotine, small and large.
*C-5581  Sluder-Arrowsmith's, same as Sluder's, but with round openings in blades, small and large.
C-5582  Sluder-Ballenger's Tonsil Guillotine, with 2 blades in universal handle.
Tonsil Guillotines

C-5585  Demarest-Sluder's Guillotine, with force cam.
C-5590  Sluder-Richter's Guillotine, with force lever.
*C-5587  Douglass' Hemostatic Guillotine.

Tonsilotomes

*C-5600  Mathieu's, original, 4 sizes.
*C-5601  Mathieu's, improved, 4 sizes.
C-5605  McKenzie's, 4 sizes.
*C-5606  McKenzie's, reversible, 4 sizes.
*C-5607  McKenzie-Quinlan's, reversible, 4 sizes.
C-5610  Myles', lingual, 2 sizes.
C-5615  Simplex, 4 sizes.
Laryngeal Applicators

C-5630 Plain, plated or aluminum, flat end, rough end, triangular end or spiral end.
C-5635 Plain, handle with chuck end and 100 removable wire stems.
C-5640 Plain, curved, steel, spiral end.
C-5645 Fraenkel's.
C-5650 Ivan's, all steel.
C-5655 Pynchon's, aluminum, heavy, long.
C-5656 Pynchon's, aluminum, heavy, short.
C-5660 Yankauer's Medicator, glass.

Laryngeal Syringes (see also page 24)

C-5665 Brown's, with 4 silver tubes in metal case.
C-5670 Muir's, with flexible laryngeal tip.
Laryngeal Instruments

**Curettes**

*C-5690* Cohen's, bent up.
*C-5691* Cohen's, bent down.
*C-5695* Killian-Hubbard's, short handle, Figs. 1, 2 and 3.
*C-5696* Killian-Hubbard's, long handle, Figs. 1, 2 and 3.
*C-5698* Krause's, antero posterior.
*C-5699* Krause's, lateral, right and left.

**Forceps**

*C-5700* Fauvel's, grasping, lateral, 4 sizes.
*C-5705* Garrigue's, applying.
*C-5710* Luer's, grasping, antero posterior.
*C-5711* Luer's, grasping, lateral.
*C-5715* McKenzie's, grasping, antero posterior.
*C-5716* McKenzie's, grasping, lateral.

**Knives**

*C-5720* Tobold's, spear shaped.
*C-5721* Tobold's, convex blade.
*C-5722* Tobold's, concave blade.

**Snares**

*C-5725* Krause's, with universal handle.
Laryngeal Instruments

C-5735 Universal Handle, only.
C-5740 Straight Canulae, 8, 16 and 22 inches.
*C-5741 Curved Canulae, for laryngeal work.

*For Forceps Tips for Stenosis

C-5745 Grasping, straight, serrated.
C-5746 Grasping, straight, mouse toothed.
C-5747 Grasping, angular bent, serrated.
C-5750 Corde's, curette, for posterior wall
C-5751 Corde's, curette, for large growths.
C-5752 Corde's, curette, for singers' nodes.
C-5753 Corde's, curette, for growths of inferior commissure.
C-5770 Frankel's, cutting.
C-5780 Killian's, cutting.
C-5785 Krause's, punch, oval.
C-5786 Krause's, punch, square.
C-5790 Scheinemann's, punch, subglottis.
C-5791 Scheinemann's, cutting, subglottis.
C-5795 Struycken's, punch.
C-5796 Jackson's, cutting, with 1 canulae 8, 16, or 22 inches long, and 1 cutting tip.
C-5790 Probang, Haslam's, bristle, all metal, spiral aspic.
*C-5791 Probang Bristles, Haslam's.

*For Foreign Body Instruments

C-5785 Coin Catcher.
C-5786 Coin Catcher, with sponge probang, hinged.
STANDARD SURGICAL INSTRUMENTS

Tracheal Instruments

*C-5800 Dilator, Laborde's.
*C-5805 Dilator, Trousseau's.
*C-5810 Forceps, Collin's, for removing foreign bodies.
*C-5815 Forceps, Mathieu's, for removing foreign bodies.
C-5820 Retractor, Belajew's.
C-5825 Retractor, hook, single, blunt.
*C-5826 Retractor, hook, single, sharp.
C-5827 Retractor, hook, double, blunt.
C-5828 Retractor, hook, double, sharp.
C-5829 Retractor, hook, triple, blunt.
*C-5830 Retractor, hook, triple, sharp.
C-5835 Retractor, Hupp's.
*C-5840 Retractor, Luer's, double, blunt.
C-5845 Retractor, Rose's, double, blunt.
C-5850 Tracheatome, Haslam's, 5 sizes, in case.

*C-5851 Tracheatome, Haslam's, 3 sizes, in case.
*C-5852 Tracheatome, Haslam's, 1 size, in case.
C-5855 Trachea Tubes, Chevalier-Jackson's, plated, No. 1 to 6.
C-5856 Trachea Tubes, Chevalier-Jackson's, silver, No. 1 to 6.
*C-5860 Trachea Tubes, Luer's, double, hard rubber, 6 sizes.
C-5861 Trachea Tubes, Luer's, double, silver plated, No. 1 to 6.
C-5862 Trachea Tubes, Luer's, aluminum, 8 sizes.
C-5863 Trachea Tubes, Luer's, double, silver, No. 1 to 6.
STANDARD SURGICAL INSTRUMENTS

Laryngoscopic, Bronchoscoptic, Esophagoscopic and Gastroscopic Instruments

C-5882-5883
C-5884-5885
C-5888-5889
C-5896
C-5890

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Instruments for Direct Laryngoscopy, Bronchoscopy, Esophagoscopy and Gastroscopy

The designs for these instruments were furnished by Dr. Chevalier Jackson, and are only made for him and under his directions by the Electro Surgical Instrument Company of Rochester, N. Y.

*C-5880 Lamp and Carrier for Jackson’s tubes.
*C-5881 Aspirator, Jackson’s, for secretions, with all metal suction pump.
C-5882 Laryngeal Speculum, Jackson’s, No. 7, with slide (adult).
C-5883 Laryngeal Speculum, Jackson’s, No. 8, with slide (child’s).
C-5884 Laryngeal Speculum, Jackson’s, oval slide (adult).
C-5885 Laryngeal Speculum, Jackson’s, oval slide (child’s).
C-5886 Laryngeal Speculum, Jackson’s, anterior commissure.
*C-5887 Laryngeal Speculum, Johnston’s.
C-5888 Esophageal Speculum, Jackson’s (adult).
C-5889 Esophageal Speculum, Jackson’s (child’s).
C-5890 Esophagoscope, Jackson’s, slanted end, without obturator, with auxiliary drainage tube, No. 1 (adult); No. 2 (child’s).

C-5891 Bronchoscope, Jackson’s, slanted end, without obturator, without auxiliary drainage tube, No. 3 (adult); No. 4 (adolescent); No. 5 (child’s); No. 6 (infant’s).
*C-5892 Bronchoscope, Jackson’s, blunt end, with auxiliary drainage tube, 7 mm. by 45 cm., 5 mm. by 45 cm., 5 mm. by 30 cm.
*C-5893 Bronchoscope, Jackson’s, modified by Dr. D. Braden Kyle, with long and short light carriers, 7 mm. by 40 cm.
C-5894 Gastroscope, Jackson’s, for ordinary cases, 10 mm. by 70 cm.
C-5895 Gastroscope, Jackson’s, for extreme cases of gastropenia, 10 mm. by 80 cm.
C-5896 Window Plug, for Jackson’s Esophagoscope and Gastroscope, used by Dr. Mosher for ballooning cesophagus or stomach.
C-5897 Jackson’s Forceps, 36, 60 and 85 cm.
C-5898 Jackson’s Two Ring Handle, interchangeable.
C-5899 Jackson’s Cotton Carrier, 36, 60 and 85 cm.
C-5900 Jackson’s Hook, 36, 60 and 85 cm.
C-5901 Jackson’s Probe, 36, 60 and 85 cm.
*C-5902 Jackson’s Drainage Tube, 36, 60 and 85 cm.
*C-5903 Extra lamps for light carriers, E. S. 1. Co. No. 2.
C-5920 Lynah's Intubation Speculum, with 3 blades, 14\(\frac{1}{2}\), 12\(\frac{1}{2}\) and 10\(\frac{1}{2}\) cm.
C-5921 Lynah's Ovoid Laryngeal Speculum, size, 14 mm x 11 mm x 14 cm.
*C-5922 Lynah's Oesophageal Speculum, same as C-5921, except size; child size, 14 mm x 10 mm x 18 cm; adult size, 16 mm x 12 mm x 25 cm.
C-5923 Lynah's Anterior Commissure Laryngoscope, size, 14 mm x 18 cm.
C-5924 Lynah's Bronchoscope, adult size, 9 mm x 40 cm.
C-5925 Lynah's Bronchoscope, adolescent size, 7 mm x 40 cm.
C-5926 Lynah's Bronchoscope, child size, 5 mm x 30 cm.
C-5927 Lynah's Bronchoscope, infant size, 4 mm x 30 cm.
*C-5928 Lynah's Oesophagoscope, adult size, 10 mm x 53 cm.
*C-5929 Lynah's Oesophagoscope, child size, 7 mm x 45 cm.
*C-5930 Lynah's Tracheoscope, adult size, 9 mm x 22 cm.
*C-5931 Lynah's Tracheoscope, adolescent size, 7 mm x 22 cm.
*C-5932 Lynah's Tracheoscope, child size, 5 mm x 22 cm.

Dr. Lynah's instruments are the latest devices in the bronchoscopic field. They are made exclusively by the Electro Surgical Instrument Co., Rochester, N. Y.

Illustrated descriptive pamphlet furnished upon request.
**Intubation Sets**

*C-5950* Ferroud-Thorner's, with 1 handle, in metal case.
*C-5951* Ferroud-Thorner's, with 2 handles, in metal case
*C-5952* Ferroud-Thorner's, with 3 handles, in metal case.
*C-5955* O'Dwyer's, with hard rubber covered tubes.
*C-5956* O'Dwyer's, with gold-plated tubes.

**Esophageal Bougies and Dilators**

*C-5960* Cylindrical Bougies, French, best quality, 16 to 30 Fr. in even numbers.
*C-5961* Olive Point Bougies, French, best quality, 16 to 30 Fr. in even numbers.
*C-5965* Trousseau's Dilator, spiral stem, 6 metal olives.
*C-5966* Trousseau's Dilator, oval metal stem, 6 metal olives.
*C-5967* Trousseau's Dilator, Douglass' stem, 6 metal olives.
*C-5968* Trousseau's Dilator, whalebone stem, 6 hard rubber olives.
Stomach Tubes

C-5975 Ewald's Aspirator.
C-5976 Ewald's Tube, only, 24 inches.
C-5980 Soft rubber with funnel, 60 inches; 2 sizes, open or closed end.
C-5981 Soft rubber with bulb and funnel, 60 inches; 3 sizes, open or closed end.
*C-5982 Soft rubber, Paine's Nasal Feeding Tubes.

Duodenal Outfits and Tips

C-5985 Buckstein's, complete with syringe or without syringe.
C-5986 Buckstein's, tip only.
C-5987 Einhorn's, tip only.
*C-5988 Kanavel's, complete with syringe or without syringe.
C-5989 Kanavel's, tip only.
*C-5991 Jutte's, complete.
*C-5993 Lyons', complete with syringe or without syringe.
C-5994 Lyons', tip only.
*C-5995 Palfaksi's, complete with syringe or without syringe.
C-5996 Palfaksi's, tip only.
*C-5997 Rehfuss', complete with syringe or without syringe.
C-5998 Rehfuss', tip only.
*C-5999 X-Ray Duodenal Tubes, French, gum elastic.
Anastamosis Buttons, etc.

*C-6000 Jaboulay-Lumiere's, 3 sizes.
*C-6005 Murphy's, for draining the gall bladder, 1 size.
C-6006 Murphy's, regular, 4 sizes.
C-6007 Murphy's, oval, gastro-enterostomy, 1 size.
C-6008 Murphy's, round, gastro-enterostomy, 1 size.
C-6009 Murphy's, round, small, 3/4 inch in diameter.
C-6010 Murphy's, round, extra small, 1/4 inch in diameter.
C-6015 Murphy's Button Forceps, introducing.
C-6016 Murphy's Clamp.
*C-6020 Tennant's Anastamosis Forceps.
Stomach and Intestinal Clamps and Forceps
(See also pages 82 and 83)

- C-6025 Brunner's, bayonet shape, 10 inches.
- *C-6030 Doyen's, straight, 8½ inches.
- C-6031 Doyen's, curved, 9 inches.
- C-6035 Knapp's, intestinal, 7 inches.
- C-6036 Kocher's, occlusion, 7½ inches, screw lock.
- C-6037 Kocher's, curved, for resections, 14½ inches.
- C-6038 Kocher's, double curved, 9¾ inches and 10½ inches.
- *C-6040 Lane's, gastro-enterostomy, 2 in set.

Intestinal and Marginal Forceps (see pages 82 and 83)
Stomach and Intestinal Clamps and Forceps

(See also pages 82 and 83)

C-6045  Linnartz', 3-bladed, intestinal.
* C-6046  Linnartz', 3-bladed, gastro enterostomy.
C-6050  Mayo-Robson's, 10 inches.
* C-6055  Moynihan's, 11 1/2 inches.
C-6056  Moynihan's, 15 inches.
* C-6057  Moynihan's, gastro enterostomy, 3 blades, 13 inches.
* C-6060  O'Hara's, intestinal, set of 2.
C-6065  Payr's, intestinal, straight, 9 1/4 inches.
C-6066  Payr's, intestinal, straight, 10 1/2 inches.
C-6067  Payr's, intestinal, curved, 9 1/2 inches.
C-6068  Payr's, intestinal, curved, 10 1/2 inches.

Intestinal and Marginal Forceps (see pages 82 and 83)
Stomach and Intestinal Clamps and Forceps
(See also pages 82 and 83)

C--6069 Payr's, pylorus, 8 inches.
C--6070 Payr's, pylorus, 11 inches.
C--6071 Payr's, pylorus, 13⅞ inches.
C--6075 Roosevelt's, gastro enterostomy, 3 blades.
C--6080 Scudder's, intestinal, fenestrated blades, 9 and 9¾ inches.
C--6081 Scudder's, intestinal, solid blades, 9⅝ and 13 inches.
*C--6082 Scudder's, intestinal, inverted ring handles, 13 inches.
C--6083 Scudder's, stomach, straight, fenestrated blades, 14 inches.
*C--6084 Scudder's, stomach, curved, fenestrated blades, 14 inches.
*C--6090 Thomas' (Lynn), 3 blades.

Intestinal and Marginal Forceps (see pages 82 and 83)
Intestinal Instruments

*C-6100 Packer, Kelly's, trident.
*C-6105 Replacer, Richardson's, bowel.
*C-6110 Tucker, Barrett's, appendix.
C-6115 Tucker, Mayo-Boldt's, for tucking the cuff of the appendix.
C-6120 Tucker and Packer, Mayo-Kelly's.

Gall Bladder Instruments

C-6125 Forceps, Blake's, straight.
*C-6126 Forceps, Blake's, curved.
C-6127 Forceps, Blake's, modified by Mayo.
*C-6130 Forceps, Collins', gall duct.
C-6135 Probe, Ochsner's, spiral, gall duct.
C-6140 Probe and Scoop, Moynihan's, block tin.
C-6145 Scoop, Desjardins.
C-6150 Scoop, Ferguson's, double ended, 3 sizes.
C-6155 Scoop, Mayo's, double ended, 1 size.
C-6160 Scoop, Mayo-Robson's.
C-6165 Scoop, Moore's, gall stone.
*C-6165 Trocar, Ochsner's, for draining the gall bladder.
Gall Stone Forceps

*C-6170 Stille's.
*C-6175 Tait's.
*C-6180 Wardlow's.

Nephrectomy Forceps

C-6190 Guyon's, vessel clamp, serrated jaw.
C-6195 Lower's, vessel clamp, rubber-covered jaws.
C-6196 Lower's, elevating forceps.
C-6197 Mayo's, vessel clamp, 8 inches.
C-6198 Mayo's, vessel clamp, 8 3/4 inches.
C-6199 Mayo's, vessel clamp, 9 1/2 inches.
*C-6200 Sherck's, elevating (see page 320).
C-6205 Stille's, vessel clamp.

Retractors (see pages 94 to 98)