



HOW TO BECOME

- A CHEMIST
- A MAGICIAN
- A MASTER CRAFTSMAN



with
GILBERT TOYS

THE A. C. GILBERT COMPANY
New Haven, Conn., U. S. A.

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Discover the thrill of doing *real things in a real way*

Hello Boys . . .



This is a book for red-blooded boys—for boys who like to be leaders—for boys who are eager to conquer exciting new worlds—in chemistry, in craftsmanship, in the magician's art and in other fascinating pursuits.

The Gilbert Toys described on the following pages are far more than mere toys. They are scientifically designed outfits. Each one brings you hundreds of sensational thrills. Each one leads to glamorous, breath-taking adventures that you'll never forget.

If you long to explore the mystic realms of chemistry, one of my modern, up-to-the-minute Chemistry Outfits will reveal dozens of dazzling wonders.

If you are ambitious to become a master craftsman and build—with your own hands—furniture for your room, racing coaster wagons, treasure chests, ladders, etc., a Big Boy Tool Chest will make your dreams come true.

If you would like to astound and mystify your friends and family with weird exhibitions of sorcery and magic, a Mysto Magic Outfit enables you to duplicate the feats of the world's greatest magicians.

And if you would like to make your own toys . . . lead soldiers, Indians, etc., my marvelous Kaster Kit makes it possible for you to have as many as you want.

Look them over, boys. Then tell your Dad or Mother which Gilbert Outfits you want this year.

ONE WORD OF CAUTION, BOYS

To avoid disappointment, ask your parents to be sure the name "Gilbert" is stamped on every Outfit they buy.

A.C. Gilbert
President.

The Boy who discovered the \$1150.00 Candle

Having a Gilbert Chemistry Outfit not only brings you hundreds of hours of fascinating fun, but may also lead to your making an important chemical discovery. Read what Dennis Collins did. Per-

haps some of your experiments will prove equally startling and valuable.

HOW DENNIS COLLINS WON FAME AND A BIG AWARD WITH HIS GILBERT CHEMISTRY OUTFIT

How would you like to do what Dennis Collins has done? Have a chemical laboratory of your own. Make chemicals change color—transform liquids into sparkling crystals—and explore the thousands of other mysteries of the chemical world. You might even make a brand-new discovery, get a patent from the U. S. Government and sell it for a lot of money.

The new Gilbert Chemical Laboratory Outfits were designed for boys who want to be real chemists. They contain enough chemicals to make hundreds of compounds—test tubes, mortar and pestle and other fascinating equipment. They're packed in a handsome laboratory kit, with metal work tray and detachable legs. Complete with exciting instruction books. They're described and illustrated on Page 5.

Ask to see them at your local dealer's. But be sure to get a genuine Gilbert outfit. Remember what Dennis Collins says, "You can't be a good chemist unless you have good chemicals."



"I have always wanted to be a chemist, and when my Dad gave me a Gilbert Chemistry Outfit, I was the happiest boy alive. I knew Mr. Gilbert made the finest chemistry sets in the world—and a boy can't be a good chemist unless he has good chemicals."



"I wrote to several big chemical companies about my process, and before long one of them offered me \$1,150.00 in cash plus a contract guaranteeing me a 3-year position in their laboratories. Gee, it was swell to get that check, and you bet I'm glad I became a Gilbert Chemist."

"Every day I made new discoveries. I learned how to make invisible ink—how to change water into milk. One afternoon I took some of my chemicals, mixed them with wax and made a mysterious looking candle . . . and when I lit it, it burst into a blue flame."



Leading newspapers carried the story of Dennis' triumph.

CANDLE BURNS BLUE WAYNESBORO, PA., Oct. 22.—(I. N. S.)—Perfection of a candle that will burn a blue light has netted Dennis B. Collins, a fifteen-year-old Littlestown boy, exactly \$1,150 and the offer of a position with a Newark, N. J., chemical company.



You're a REAL chemist when you have a Gilbert chemistry outfit



Outfit No. 1—DANDY BEGINNER'S SET

(Above). Here's the set that will enthuse the beginner and permit him to perform many simple and amazing experiments. Make ammonia and hydrogen sulphate—see how silver tarnishes—dye cotton cloth. Dozens of other experiments, all explained in the big instruction book—will give the young chemist hours of fun he never dreamed of.

Outfit No. 3—JUNIOR CHEMIST'S SET

(Below) With this great outfit for the amateur chemist you can actually make a practical barometer which forecasts the weather for you. You can fireproof wood, frost glass, bleach and dye all sorts of things. But these are only a few of the hundreds of amazing stunts and experiments that are possible with it. Mr. Gilbert's big Chemistry Book comes free with the outfit.



THE exciting discoveries of our great men of science lie beneath the cover of a Gilbert Chemistry Outfit. At your command, one after another, their amazing and unbelievable secrets are revealed.

With one of these outfits you are a modern genius. You can do things that Alladin never even dreamed of! Change water into wine in a flash. Change the wine into milk. Make fire from sugar. Make invisible ink. These are just a few of the uncanny feats of science that you can perform while your wondering friends look on.

And it all becomes as simple as A B C with the help of Mr. Gilbert's new book, "Modern Chemistry," which comes free with every outfit.

Each outfit contains chemicals and equipment with which you can perform hundreds of scientific experiments and mystifying illusions. A Gilbert Chemistry Outfit is the pathway to scientific fame and glorious mind-rousing sport. The more you learn about modern chemistry, the more fascinating it becomes.

All the popular Gilbert outfits are shown on these pages. Examine them closely. The smaller outfits are complete in all details, but of course the larger the outfit, the more exciting experiments are possible. See them at your nearest toy store.

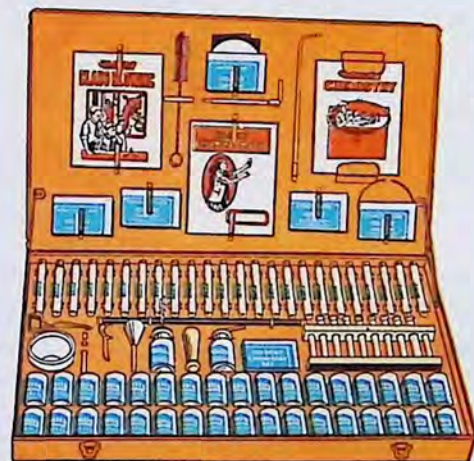


Outfit No. 6—SENIOR CHEMIST'S SET

(At left) Imagine making colored fire! Testing foods for their elements! Making real cement! Making sparklers, soda water! Tanning leather! All are easily done with this combination Chemistry and Glass Blowing Outfit. In addition you can perform hundreds of other chemical feats just as interesting and exciting. Complete with two Gilbert books of instructions. Packed in steel cabinet.

Outfit No. 10—GRADUATE CHEMIST'S SET

(At right) There's over 575 experiments in Chemistry, Glass Blowing and Chemical Magic in this wonder steel cabinet. There's many of the great mysteries of nature and chemistry revealed to the boy chemist in the big 220-page Instruction Book and the most startling, interesting and instructive chemical experiments have been carefully selected for this big outfit. Three complete Manuals and equipment included in this combination set.



Be the first boy in your crowd to have a complete CHEMICAL LABORATORY

Just picture yourself in front of one of these Gilbert Laboratory Outfits! Chemicals, test tubes, etc., mounted in real laboratory-style racks—a big metal work tray—a large kit box that you can set up on its own detachable legs and use as a permanent laboratory. How the other fellows will envy you! For the boy who wants to do big things in chemistry—and do them in a big way—a Gilbert Laboratory Outfit is the finest thing he can own.

Outfit No. 12—INVENTOR'S LABORATORY

(Below) Open the lid of the marvelous Inventor's Outfit, and you are ready to explore thousands of mysteries of the chemical world. Rows and rows of chemicals are at your finger tips. You can delve into the wizardry of chemical magic. Pour wine, water and milk from the same bottle and perform other tricks that will mystify your friends. You can master the fascinating technique of glass blowing. You can perform original experiments—just like chemists do in the big research laboratories. Three exciting books: Chemistry, Chemical Magic and Glass Blowing—enough chemicals to make hundreds of compounds. Packed in laboratory-style kit with metal work tray and detachable legs.



Outfit No. 20—MASTER SCIENTIST'S LABORATORY

(Below) This is the Senior Laboratory Outfit, with materials, equipment and full instructions for Chemical Magic, Chemical Experiments, Glass Blowing, Mineralogy and Hydraulic and Pneumatic Engineering. With it come five big illustrated "How to Do It" books. It comes in a handsome big laboratory cabinet fitted with racks for chemicals, metal work tray and more than 140 chemicals, mineral specimens and items of equipment. This unrivaled scientific laboratory outfit is undoubtedly the finest thing of its kind ever offered the young scientist. Hundreds of experiments with magic tricks, testing metals, foods and making all sorts of compounds. Examine minerals, learn how to be a prospector. A wonderful outfit, jammed full with a whole year's fun and entertainment, and scientific experiments of every description and kind.

Equipment for making a water gun, operating a submarine, shows you how your city water supply is distributed. Interesting and fascinating.



Outfit No. 15—SCIENTIST'S LABORATORY

(Above) Here's a master Chemistry Outfit that even a professional chemist would envy you for. In it are materials and equipment that enable you to give a complete Magic Show of Chemical Wizardry. Your friends will think they are miracles. This outfit also includes full equipment and detailed instructions for the interesting art of Glass Blowing, and the story of Mineralogy. 600 amazing experiments and feats possible. Laboratory-style chest—with racks for chemicals—metal work tray—and detachable legs.



Think of all the exciting things you can build with a GILBERT Big Boy TOOL CHEST

How many of these things would you like to have? A treasure chest—a ladder—tree platform—chute-the-chute slide—dog house—racing coaster wagon—a new table or chair for your room. You can build them all and hundreds of other things when you have a Gilbert Big Boy Tool Chest.

Gilbert Big Boy Tool Chests are packed full of tools—real building tools like those that expert craftsmen use.

Great steel saws that bite through wood like a knife through butter. Hammers that drive big nails home in a hurry. Carpenter's planes that scoop up mighty shavings and smooth off any wood surface. Braces and bits that bore holes right through boards. Screwdrivers, chisels, levels and dozens of other useful tools that build everything you want.

All the popular Gilbert sets are shown on these pages. Examine them closely—pick out the one you want and tell Dad about it—and don't overlook the big Electric Lathe on the next page. See them at your nearest toy store.



BIG BOY No. 701 WH

(At left) Little fellow's Set. Contains nine pieces in solid oak army chest painted red.



BIG BOY No. 701 E

(At left) The Jim Dandy. Contains 12 pieces. A varied assortment of tools. Packed in red wood chest.

BIG BOY CABINET No. 3

(Below) This big green metal carrying case is filled from corner to corner with he-man tools with which you can build hundreds of things. A total of 21 sturdy and useful tools. Look at that big steel saw, that master plane, brace and bit the nicely balanced hammer. It's fun to build things with tools like these.



BIG BOY CABINET No. 10

(At right) The Household Treasure Chest. Packed in blue metal carrying case, brass handles, reinforced corners and suit case catches. Contains 34 pieces—including 16" cross cut saw, key-hole saw, chisels, drills, plane, Millers Falls hand drill, soldering iron, draw shave, etc. Also can of Sapolin Speed Enamel and can of Savogran Crack Filler for filling up seams.

BIG BOY CABINET No. 5

(At left) Eleven pounds of master craftsman's pieces, packed in red metal carrying case with brass handles. A total of 23 tools—large brace with sturdy handle, drop-forge hammer, 19½" saw and plane.



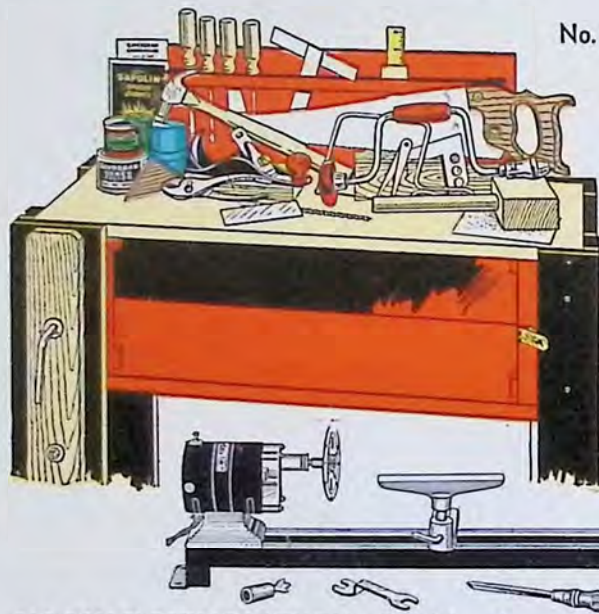
BIG BOY CABINET No. 2

(Above) In orange steel carrying case with brass handles. Contains 18 tools including Saw, Hammer, Brace, Plane, Scroll Saw, etc.



GILBERT bench type TOOL CHESTS for the boy who wants to be a Real Craftsman.

Gilbert Bench Type Tool Chests are the most modern and complete craftsman's outfits ever created. They come to you as big wooden chests, chock full of shining tools. Then, you re-mount the legs to form a table—use the cover as a rack for tools and—*presto*—you have a work bench that any craftsman would feel proud of.



No. 8 GILBERT BENCH TYPE TOOL CHEST

(At left) Fully assembled, the bench stands 31½" high, 30½" long and 12½" wide. Has wood vise grip. Contains 25 tools, can of Sapolin Speed Enamel and can of Savogran Crack Filler. A practical working outfit that enables you to finish things up like a professional.

BIG BOY ELECTRIC LATHE No. 796 (above)

For automatic electric wood turning. Powered by Gilbert 110-volt Universal Motor, operates on A.C. or D.C. Mounted on a 30-inch bed, has tail stock with dead center, disc face plate and live center, slide rest and wrench. Portable, motor detachable. With the addition of key-operated 3-jaw chuck, ¼" arbor and pistol grip handle (purchased separately) is convertible into electric drilling outfit. With chuck attachment, round shank drills up to and including ¼" in diameter can be taken. Lathe turns wood up to 7" in diameter and 18" long. Grinding, polishing, sanding and buffing attachments purchased separately.

No. 9 GILBERT BENCH TYPE TOOL CHEST



(At left) Makes a work bench 35" high, 31½" long and 15¾" wide. Finished in red and black with brass trimmings. A wood vise grip is mounted on front of bench. There are a total of 27 real craftsman's tools—a can of Sapolin Speed Enamel and a can of Savogran Crack Filler. A set that will last a life time.

(Below)—**No. 17 GILBERT BENCH TYPE TOOL CHEST**

This giant chest makes a bench 37½" high, 36½" long and 15¾" wide. 44 tools and other devices including electric soldering iron and metal can unit. With this exciting outfit you can become an expert in metal working as well as in wood working. Finished in red and black with brass trimmings.



Mystify your Friends! Be a BOY MAGICIAN!

With Gilbert Mysto Magic

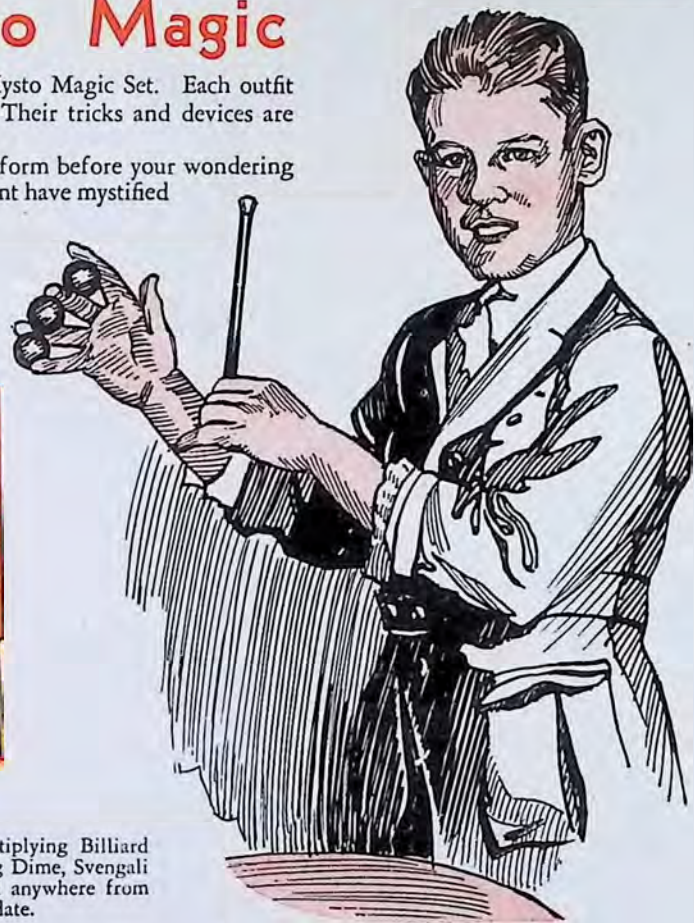
EVERY boy would like to be a real magician. You can . . . one hour after you get your Gilbert Mysto Magic Set. Each outfit contains the secrets and apparatus of the World's great magicians. Their secrets laid bare to you. Their tricks and devices are yours to perform with.

So, why not be a magician right away. Make money giving shows and exhibitions of sorcery. Perform before your wondering friends many of the greatest feats of magic with which the conjurers of America, Europe and the Orient have mystified the world.

Perform mind reading illusions. Produce balls, coins, cards and bottles out of thin air, then make them disappear. Make your audience gasp with amazement.

A few minutes of practice makes you an accomplished magician.

Each trick explained in detail in Instruction Book packed in each outfit. No duplicate tricks in Nos. 3, 3A and 5. With this group of outfits, boys, you have a complete assortment of mystifying tricks performed by the world's greatest magicians.



(Below)—No. 1 GILBERT MYSTO MAGIC

Twelve clever tricks for the pocket or stage. Simple and easy to perform, including the Mysterious Multiplying Coin, Buddha Money Mystery, Mysterious Topsy-Turvy Match, Galloping Dime, Hiding Chessman and others. Complete manual of instructions.



(Above)—No. 3 GILBERT MYSTO MAGIC

Contains 18 startling and mystifying magic tricks. Multiplying Billiard Balls, Mysterious Linking Rings, Hiding Chessman, Galloping Dime, Svengali Mind-reading Wonder and many others. Can be performed anywhere from drawing room to stage. Simple, effective, mysterious, up-to-date.



(Above)—No. 3A GILBERT MYSTO MAGIC

All different tricks—not contained in any other set—such as the Dream of Midas, Great Ball of Wool Trick, Okeito Coin Trick, Passe Passe Coin Trick, and many others of the world's most renowned magic tricks. These tricks have been specially selected for their ease of execution, yet each one seems unbelievably impossible to your audience. A set that will make you King of Magic in your neighborhood.



(Above)—No. 5 GILBERT MYSTO MAGIC

Contains an assortment of mystifying tricks of the world's greatest magicians including Passe Passe Bottle Trick, Svengali Mind-reading Wonder, Drum Head Tube Trick, Mystifying Card Tricks, all explained in three manuals of instructions that come with this set. Outfit also includes an assortment of Handkerchief Tricks and Knots and Splices. Packed in red metal carrying case with reinforced corners, brass handle and suit case catches.



Heres FUN
that Puts
DOLLARS
in Your
Pockets

Magic Secrets of the World's Greatest Magicians

Clever—Unique—new and old mysteries
that can be performed by any
man, woman or child.

The last word in Conjuring



(At left)—GILBERT No. 1032 PUZZLE SET

22 of the most interesting and fascinating puzzles available. See how your Dad and friends will work over them—yet they're easy when you know how. Complete instruction booklet giving details as to the solution of these puzzles.

Gilbert Puzzles also come in the No. 1031 set containing nine interesting puzzles, and the No. 1031½ Set, containing 14 unique puzzles.

TEST YOUR PUZZLE SOLVING SKILL

Boys, Make your own Parade!



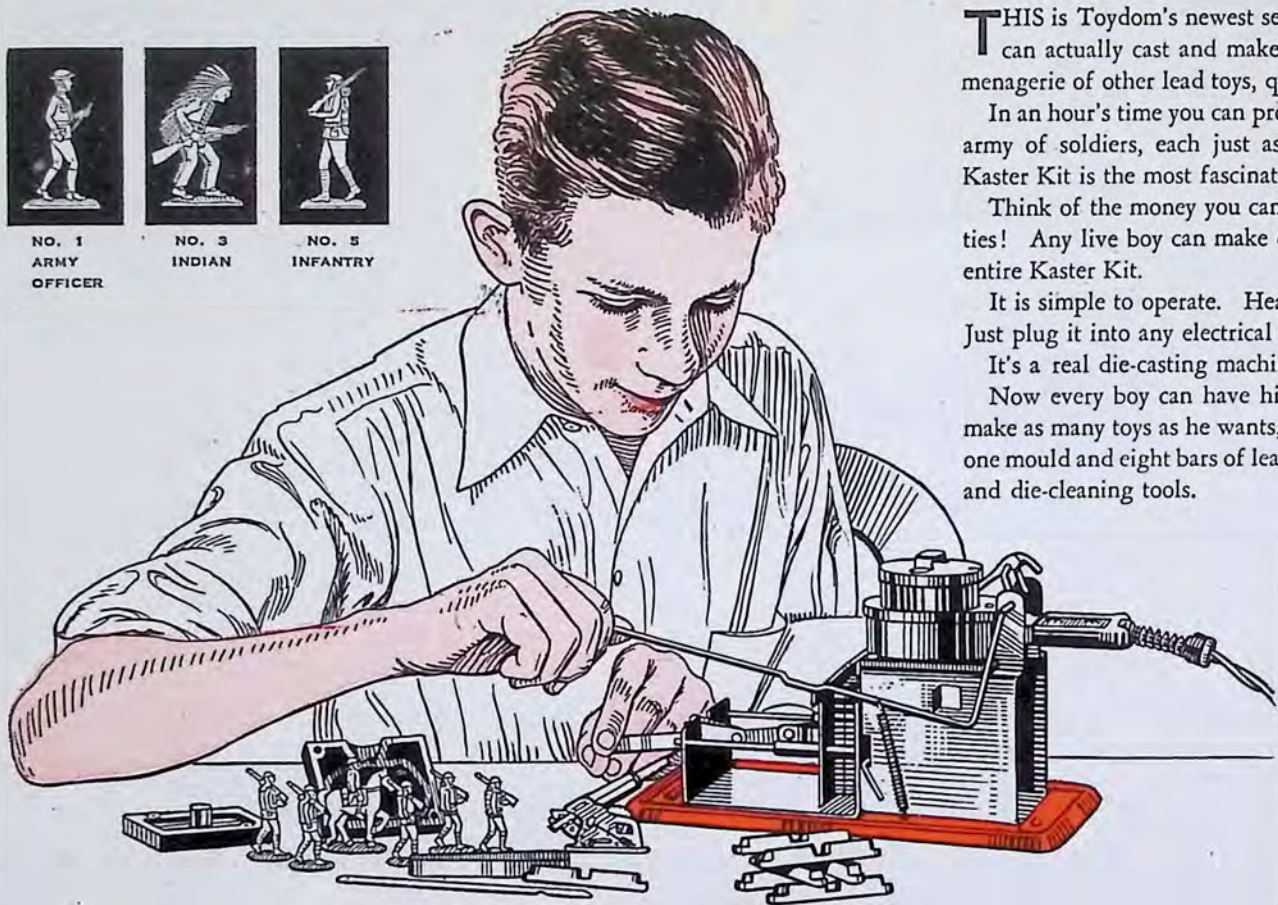
NO. 1
ARMY
OFFICER



NO. 3
INDIAN



NO. 5
INFANTRY



THIS is Toydom's newest sensation! The Gilbert Kaster Kit. With it you can actually cast and make your own lead soldiers, sailors, Indians and a menagerie of other lead toys, quickly and easily.

In an hour's time you can produce, from bars of lead, an entire and complete army of soldiers, each just as perfectly finished as professionally cast toys. Kaster Kit is the most fascinating outfit ever offered for boys and grown-ups.

Think of the money you can make, casting and selling lead toys and novelties! Any live boy can make enough money in a week or two to pay for the entire Kaster Kit.

It is simple to operate. Heat is supplied by a built-in electric heating unit. Just plug it into any electrical outlet in your home.

It's a real die-casting machine, simplified for general use.

Now every boy can have his own toy factory right in his own home, and make as many toys as he wants, right to order. The Kaster Kit, complete with one mould and eight bars of lead, instruction book and complete set of handling and die-cleaning tools.



NO. 6
CAVALRY



NO. 2 INFANTRY
2 IMPRESSIONS

Kaster Kit Moulds

The more moulds you have the more fun you will get out of your Kaster Kit. A total of 17 different moulds are obtainable, as illustrated on these two pages. Order by name and number.



NO. 10
COWBOY



NO. 7 ELEPHANT



NO. 4 HOWITZER



NO. 8 AIRPLANE



NO. 11
BOY SCOUT



NO. 13
JACKSTONES



NO. 15
POLICE BADGE



NO. 12
WHISTLE



NO. 9 BATTLESHIP



NO. 16
MAGIC
COINS



NO. 14
CHECKERS



NO. 17 LOCOMOTIVE

GILBERT KASTER KIT METAL

Prepared for use with Gilbert Kaster Kit and recommended as best. Wrapped 8 pigs to package.

No. 1 KASTER KIT PAINTS

An assortment of specially prepared paints for coloring Kaster Kit castings. Six colors in all. Each in separate metal can with stirring stick and paint brush.

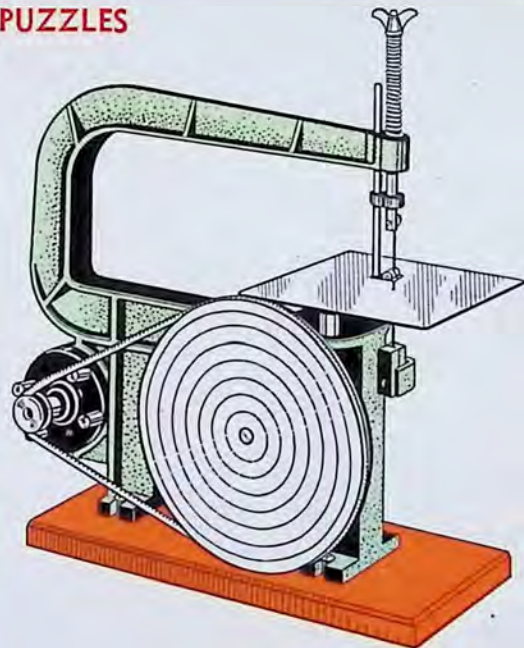


LEARN ELECTRO PLATING

With a No. 4 Gilbert Electro Plater you can actually electro plate castings from Gilbert Kaster Kit Moulds or other small metal objects just as perfectly as they do in large industrial plating plants. Current is supplied from heavy duty long life plating batteries especially designed for the outfit. Complete instructions for operating and all necessary salts for preparation of copper, nickel and oxidizing solutions together with anodes, wire brush and polishing tools for cleaning and coloring included in each set.

IT'S FUN TO MAKE JIG SAW PUZZLES LAWN NOVELTIES, ETC.

Make your own Jig Saw Puzzles, etc., with the new Gilbert Motor Driven Jig Saw. Hundreds of puzzles can be cut into various shapes and sizes from pictures mounted on 3-ply wood. BIG, STURDY, POWERFUL and SPEEDY. The Gilbert Jig Saw cuts with absolute precision and is fascinating fun. Scientifically designed C-frame with reinforced cross sections. 6½" square steel work table—spring tension on saw, instantly adjusted—adjustable presser foot for holding work in position and equipped with roll guide to protect saws against breakage. Cast iron drive wheel, one side scored for attaching sandpaper discs for smoothing wood work or taking rough edges off puzzles. Powered by 110-volt Universal Motor with simple oscillating motion having minimum vibration. Available in two sizes.





The Man

who invented and perfected

GILBERT TOYS

BOYS, meet the man who knows the things that thrill the heart of a boy. The man who once was one of Yale's great athletes and an Olympic World's Champion. The man who invented and perfected Erector, Big Boy Tool Chests, Gilbert Chemistry Outfits, Mysto Magic Sets, and other World's Champion Toys.

Meet Mr. A. C. Gilbert. Millions of boys have read his books. Millions of boys have heard him on the radio with his friends, Babe Ruth, Tad Jones, Grantland Rice and many other athletic and sports heroes. And millions of boys have spent their most exciting days playing with Gilbert Toys.

Mr. Gilbert knows what boys want. Sometimes grown-ups tell him he's wrong. But the boys everywhere know he is right, and they prove it by putting Gilbert Toys at the top of their Christmas lists.

That is why the great Gilbert Toy Factory on Erector Square, New Haven, Connecticut, covers many acres of ground, where hundreds of people and hundreds of tons of ponderous machinery keep busy, day after day, turning out Gilbert Toys to make boys happy.

THE A. C. GILBERT COMPANY
NEW HAVEN, CONN., U. S. A.