

More Power to America Special



**ADVENTURE
SERIES**
- Prepared for -
GENERAL ELECTRIC
By GENERAL COMICS, Inc.

THE NIGHT BEFORE THE SCHOOL PLAY, YOUNG JOHNNY POWERS GIVES HIS FAMILY A PREVIEW OF HIS ROLE AS KING RICHARD...

A HORSE! A HORSE! MY KINGDOM FOR A HORSE!



WONDERFUL, SON! THAT WAS REALLY A "ROYAL" PERFORMANCE!

BRAVO! BRAVO!



BUT KING OR NO KING, THERE'S SCHOOL TOMORROW, YOU-KNOW... AND METHINKS YOUR MAJESTY HAD BETTER START RUNNING HIS TUB!



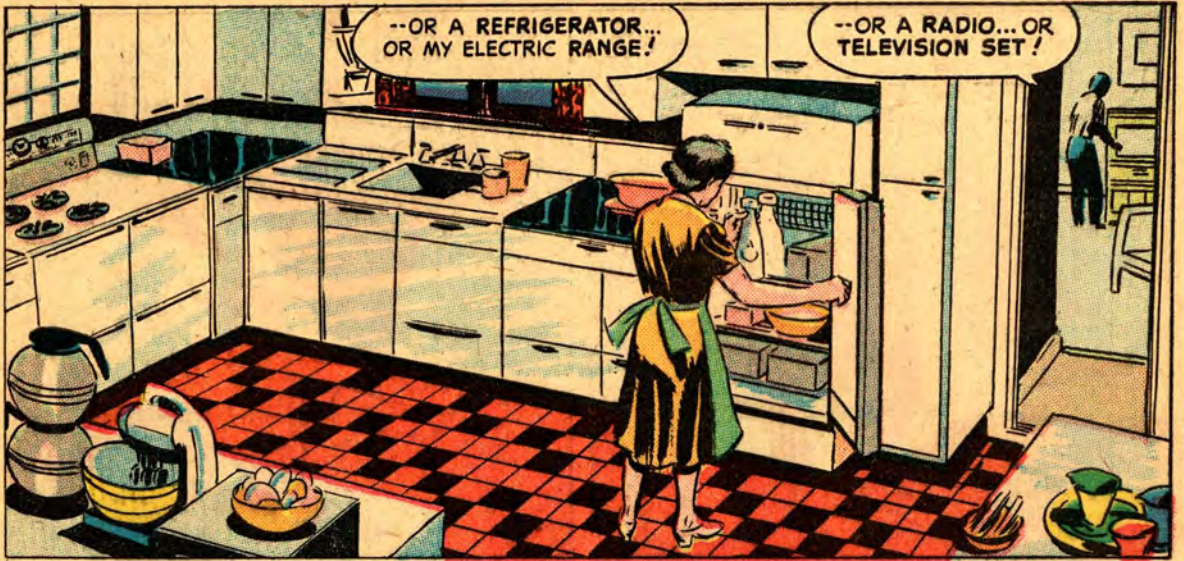
YEP... SURE... RUN MY TUB... WHAT A LIFE -- COMPARED TO A KING'S!

NEVER YOU MIND, SON... YOUR KING RICHARD NEVER SAW HOT RUNNING WATER IN HIS LIFE -- MUCH LESS A REAL BATHTUB!



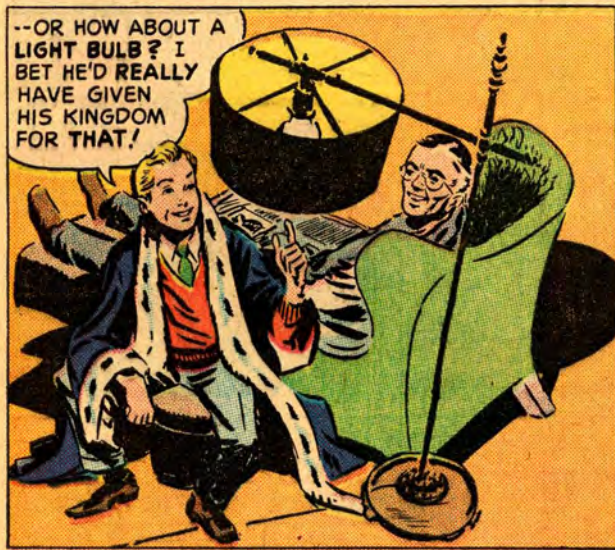
WHAT'S MORE -- IF YOUR KING WOULD HAVE GIVEN HIS KINGDOM FOR A HORSE, WHAT D'YOU SUPPOSE HE'D HAVE GIVEN FOR AN AUTOMOBILE!?





--OR A REFRIGERATOR...
OR MY ELECTRIC RANGE!

--OR A RADIO... OR
TELEVISION SET!



--OR HOW ABOUT A
LIGHT BULB? I
BET HE'D REALLY
HAVE GIVEN
HIS KINGDOM
FOR THAT!



HE WOULDN'T HAVE HAD
TO, JOHNNY... TODAY, EVEN THE
RICHEST KING CAN'T BUY A
BETTER ELECTRIC BULB
THAN YOU OR ANYBODY
ELSE COULD!

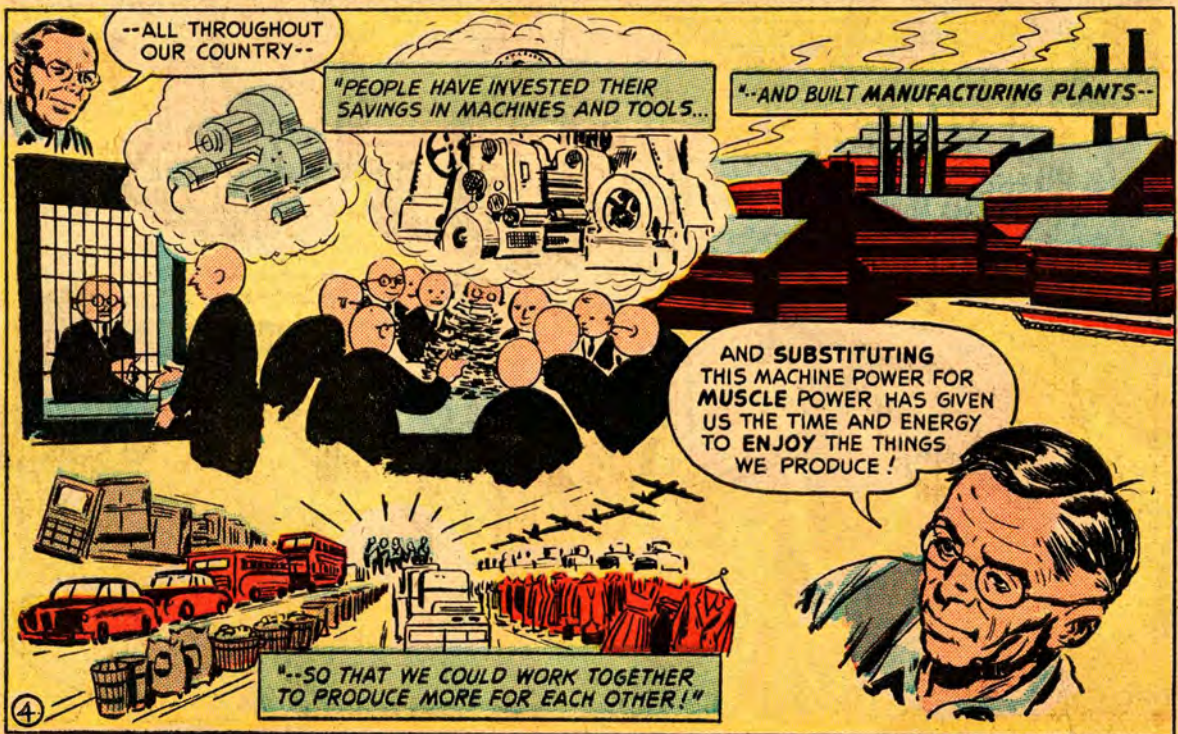
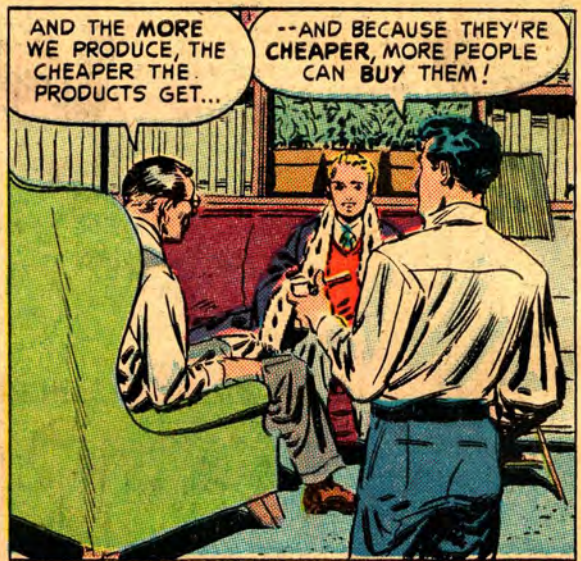
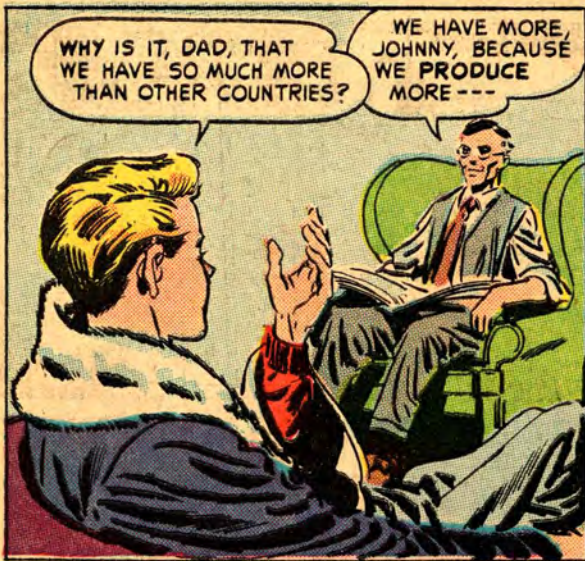


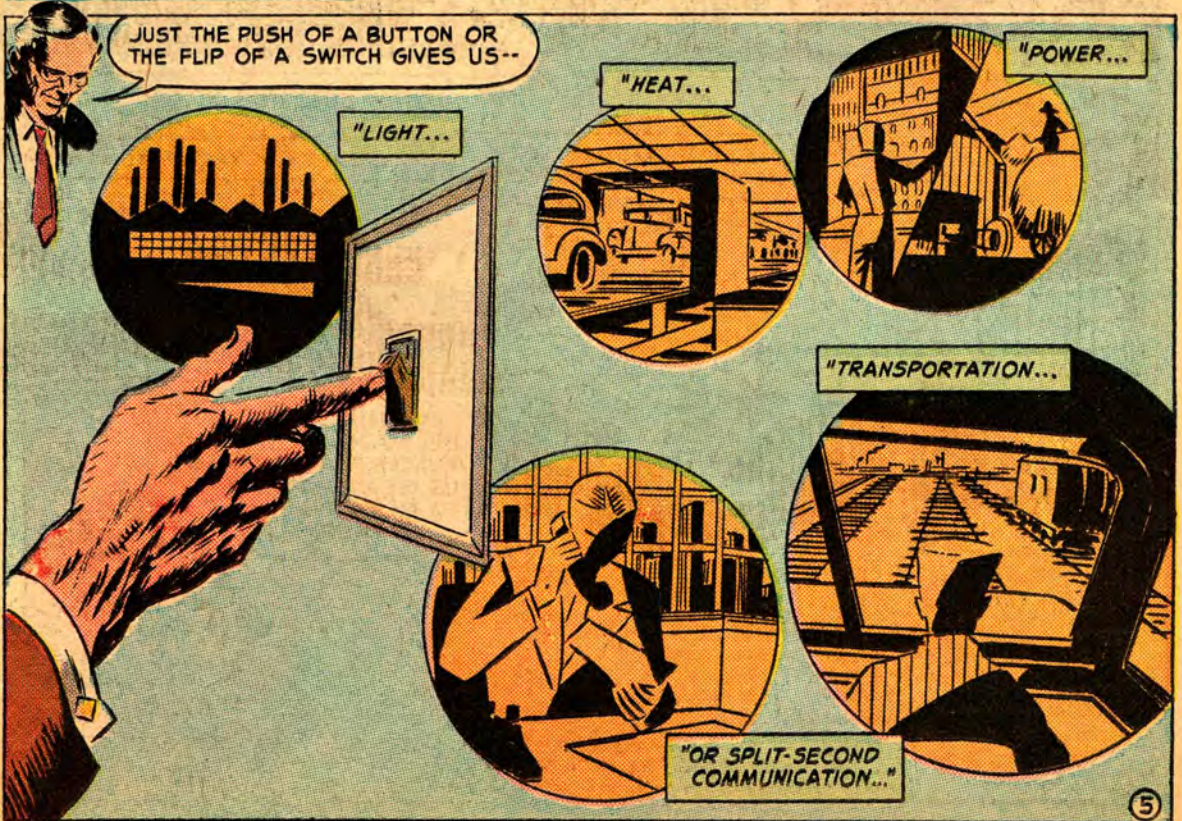
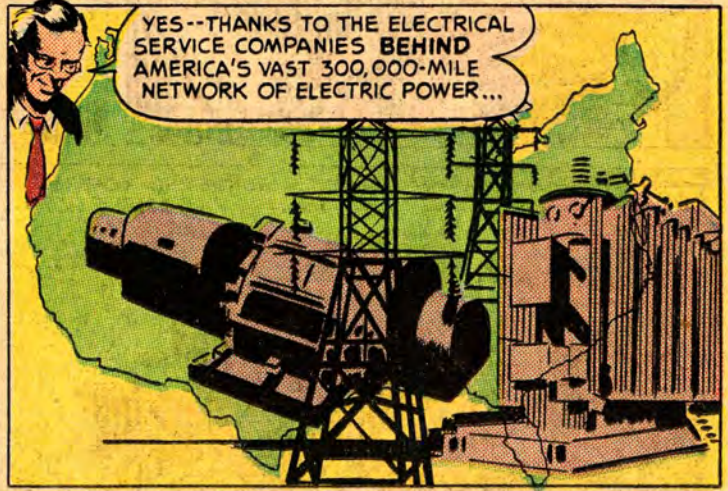
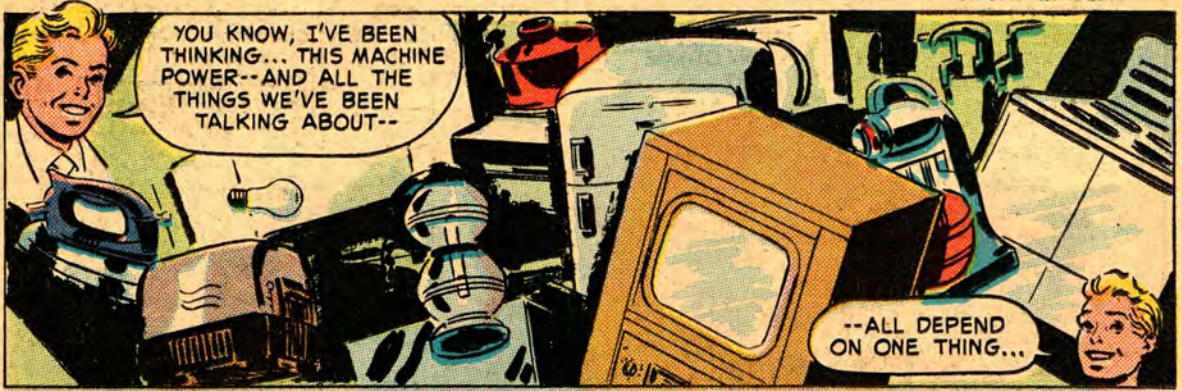
BETTER HAVE A LOOK AROUND
YOU, SON, BEFORE YOU GO
TRADING PLACES WITH THOSE
SO-CALLED "RICH" KINGS
OF OLD...

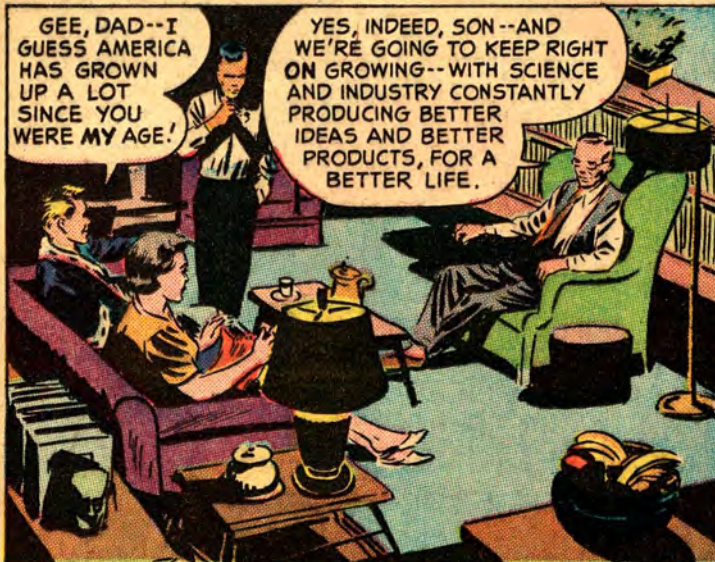
I GUESS THE AVERAGE
AMERICAN TODAY IS
MUCH RICHER
THAN THE RICHEST
KINGS OF OLD!



YOU SAID IT, SON! IN FACT
AMERICA HAS MORE OF THE
THINGS THAT MAKE LIFE BETTER
THAN ANY OTHER COUNTRY IN
THE WORLD TODAY!

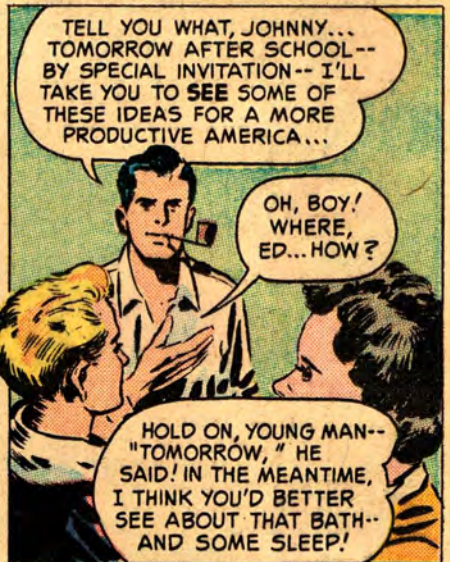






GEE, DAD--I GUESS AMERICA HAS GROWN UP A LOT SINCE YOU WERE MY AGE!

YES, INDEED, SON--AND WE'RE GOING TO KEEP RIGHT ON GROWING--WITH SCIENCE AND INDUSTRY CONSTANTLY PRODUCING BETTER IDEAS AND BETTER PRODUCTS, FOR A BETTER LIFE.



TELL YOU WHAT, JOHNNY... TOMORROW AFTER SCHOOL-- BY SPECIAL INVITATION-- I'LL TAKE YOU TO SEE SOME OF THESE IDEAS FOR A MORE PRODUCTIVE AMERICA...

OH, BOY! WHERE, ED... HOW?

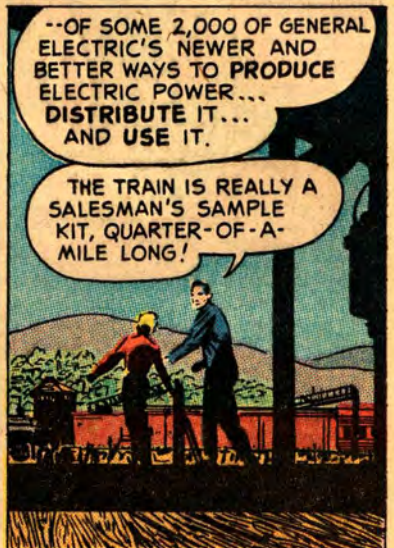
HOLD ON, YOUNG MAN-- "TOMORROW," HE SAID! IN THE MEANTIME, I THINK YOU'D BETTER SEE ABOUT THAT BATH-- AND SOME SLEEP!



THE FOLLOWING AFTERNOON...

WHERE ARE WE GOING TO SEE THESE "IDEAS FOR A MORE PRODUCTIVE AMERICA," ED?

ABOARD A DISPLAY TRAIN, JOHNNY... WHAT YOU MIGHT CALL A "TRAVELLING MARKETPLACE"--



--OF SOME 2,000 OF GENERAL ELECTRIC'S NEWER AND BETTER WAYS TO PRODUCE ELECTRIC POWER... DISTRIBUTE IT... AND USE IT.

THE TRAIN IS REALLY A SALESMAN'S SAMPLE KIT, QUARTER-OF-A-MILE LONG!



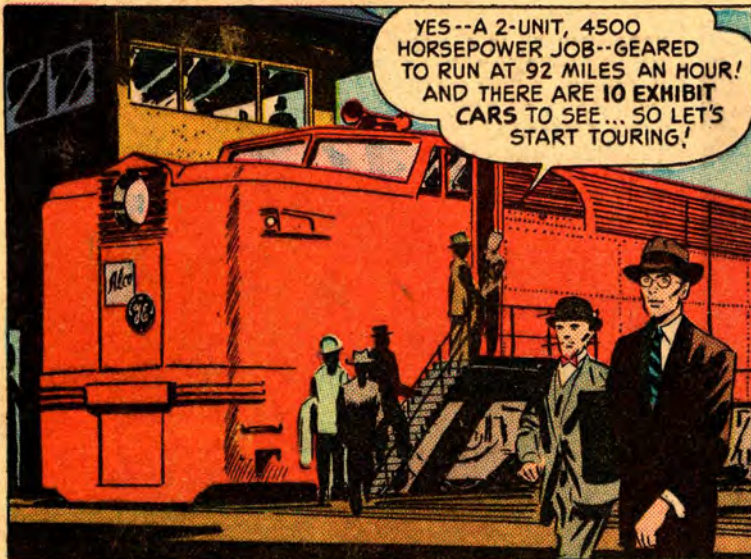
"SALESMAN'S SAMPLE KIT"? WHAT DO YOU MEAN, ED?

YOU KNOW, JOHNNY, IDEAS ALONE ARE NOT ENOUGH...THEY'VE GOT TO BE TAKEN AND SOLD TO THE PEOPLE WHO CAN PUT THEM TO WORK FOR US!

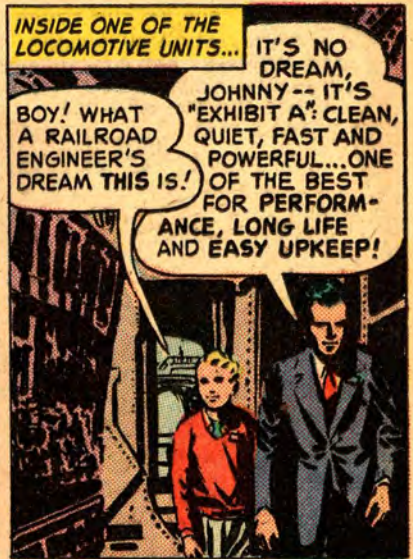


AND THERE SHE IS, JOHNNY-- THE MORE POWER TO AMERICA SPECIAL!

JEEPERS! LOOK AT THAT LOCOMOTIVE! THAT'S A DIESEL ELECTRIC, ISN'T IT, ED?



YES--A 2-UNIT, 4500 HORSEPOWER JOB--GEARED TO RUN AT 92 MILES AN HOUR! AND THERE ARE 10 EXHIBIT CARS TO SEE... SO LET'S START TOURING!



INSIDE ONE OF THE LOCOMOTIVE UNITS...

BOY! WHAT A RAILROAD ENGINEER'S DREAM THIS IS!

IT'S NO DREAM, JOHNNY-- IT'S "EXHIBIT A": CLEAN, QUIET, FAST AND POWERFUL... ONE OF THE BEST FOR PERFORMANCE, LONG LIFE AND EASY UPKEEP!



DO THESE TWO UNITS SUPPLY POWER FOR THE REST OF THE CARS?

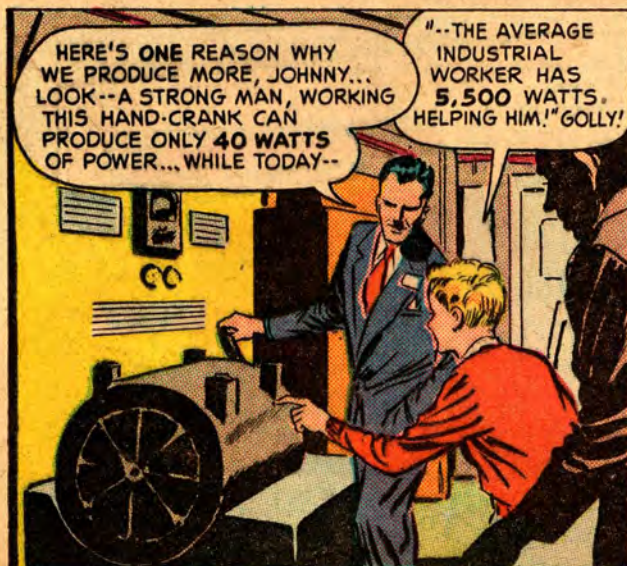
NO... EACH COACH HAS ITS OWN UNDERCAR POWER PLANT--FOR LIGHTING, AIR-CONDITIONING, SOME OF THE HEATING--AND OPERATING THE EXHIBITS.



AND IN THE RECEPTION CAR...

DOES EVERYBODY HAVE TO HAVE A SPECIAL PASS TO BOARD THE TRAIN?

YES, INDEED... YOU SEE, BUSINESS LEADERS ARE INVITED HERE TO SEE AND STUDY THE DISPLAYS-- AND LEARN FROM OUR EXHIBIT ENGINEERS HOW THEY CAN CUT COSTS AND PRODUCE MORE...



HERE'S ONE REASON WHY WE PRODUCE MORE, JOHNNY... LOOK--A STRONG MAN, WORKING THIS HAND-CRANK CAN PRODUCE ONLY 40 WATTS OF POWER... WHILE TODAY--

"--THE AVERAGE INDUSTRIAL WORKER HAS 5,500 WATTS. HELPING HIM!" GOLLY!



AND STEAM TURBINES LIKE THIS ONE, JOHNNY, PRODUCE 165,000,000 WATTS OF POWER!

BOY! THINK OF ALL THE STRONG MEN IT WOULD TAKE TO HAND-CRANK THAT!

AND HERE ARE NEW DESIGNS FOR MERCURY AND GAS TURBINES, JOHNNY—DESIGNED TO PRODUCE MORE POWER—AND USE LESS FUEL.

MERCURY UNIT POWER PLANT

HERE, JOHNNY, IS A MODEL OF A HUGE IMPULSE-BREAKER-- WHICH MAKES IT POSSIBLE TO SEND OUT THOUSANDS OF MORE KILOWATTS FROM SUB-STATIONS... BECAUSE THEY CLEAR SHORT-CIRCUITS IN A VERY SMALL FRACTION-OF-A-SECOND!

IMPULSE

NOW WE'RE COMING TO POWER TRANSFORMERS, JOHNNY...

for BETTER POWER TRANSFORMERS

THEY MAKE IT POSSIBLE TO INCREASE OR REDUCE VOLTAGE TO MEET DIFFERENT NEEDS...

POWER GENERATED HERE...

TRANSFORMER "STEPS UP" VOLTAGE FOR LONG-DISTANCE TRANSMISSION TO--

SUB-STATIONS-- WHERE TRANSFORMERS STEP VOLTAGE DOWN--

FOR INDUSTRIAL USE

AND STILL FURTHER DOWN FOR HOME USE

AT ANOTHER EXHIBIT, JOHNNY CAUSES A "FAULT" IN A POWER DISTRIBUTION SYSTEM-- SEES IT FLASHED ON A CONTROL PANEL!

NOW WE KNOW WHERE THE TROUBLE IS!

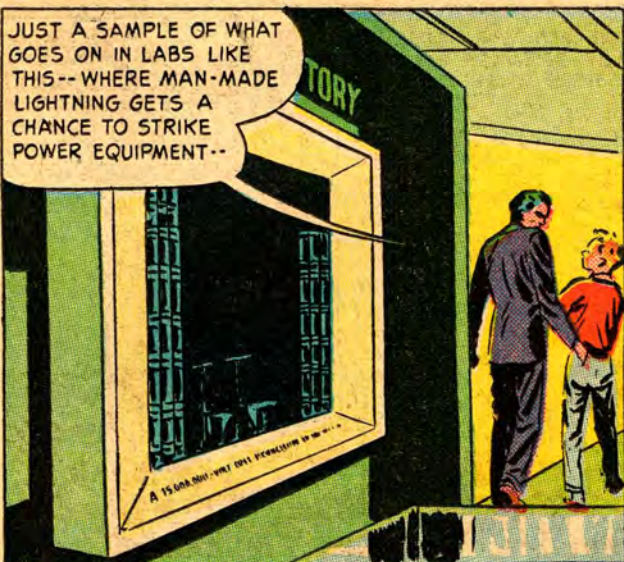
THAT'S HOW THE POWER COMPANIES CAN KEEP A CONSTANT CHECK ON MILES OF TRANSMISSION LINES AND SUB-STATIONS.

WOW! LOOK AT THAT LIGHTNING BOLT! 15,000,000 VOLTS!

HIGH VOLTAGE LABORATORY

15000 VOLT-REDUCTION TOOL WORKING

JUST A SAMPLE OF WHAT GOES ON IN LABS LIKE THIS-- WHERE MAN-MADE LIGHTNING GETS A CHANCE TO STRIKE POWER EQUIPMENT--

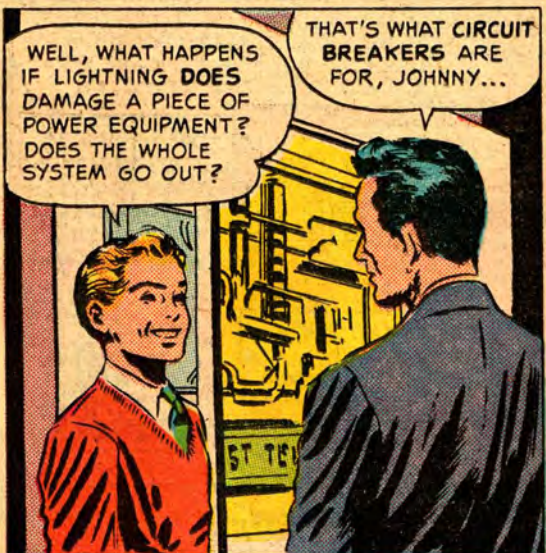


"--SO WE CAN LEARN TO BETTER PROTECT OUR POWER APPARATUS AGAINST ANY DAMAGE FROM NATURE!"

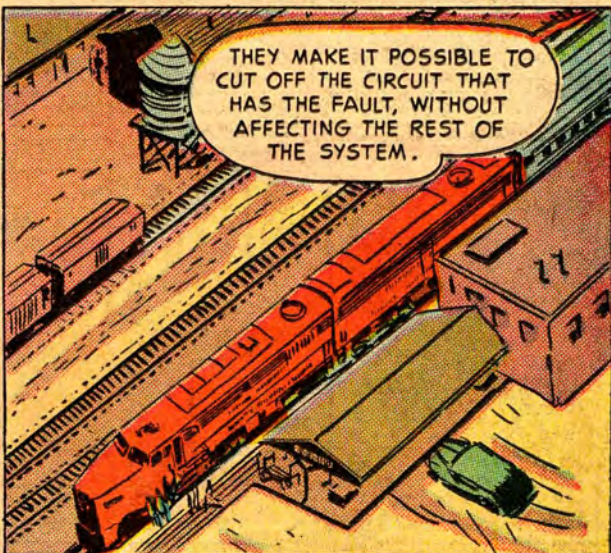


WELL, WHAT HAPPENS IF LIGHTNING DOES DAMAGE A PIECE OF POWER EQUIPMENT? DOES THE WHOLE SYSTEM GO OUT?

THAT'S WHAT CIRCUIT BREAKERS ARE FOR, JOHNNY...



THEY MAKE IT POSSIBLE TO CUT OFF THE CIRCUIT THAT HAS THE FAULT, WITHOUT AFFECTING THE REST OF THE SYSTEM.



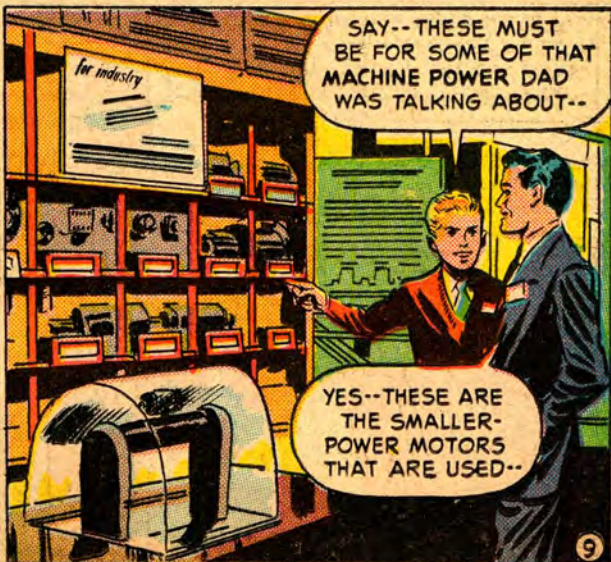
LIGHTNING ARRESTERS AND OTHER PROTECTION EQUIPMENT! I'M BEGINNING TO APPRECIATE THAT "FLIP OF A SWITCH" - MORE AND MORE!

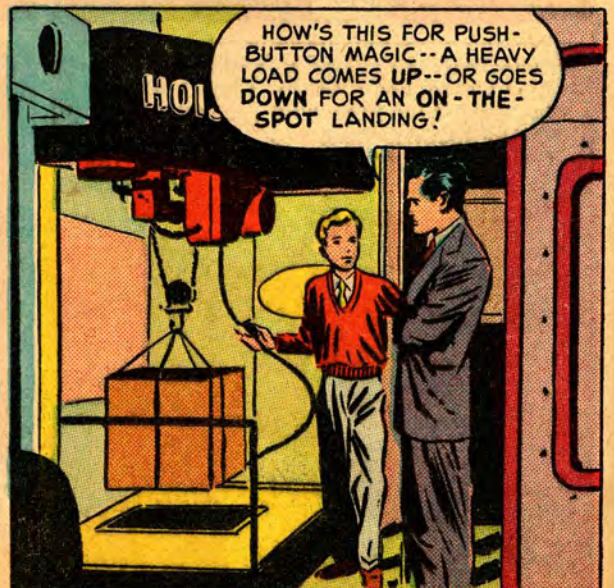
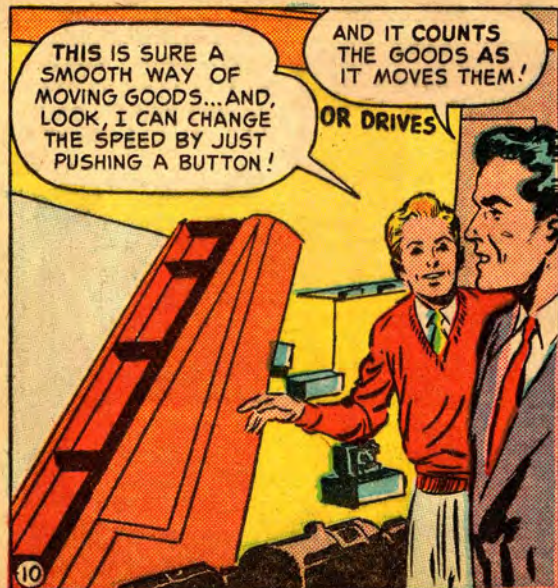
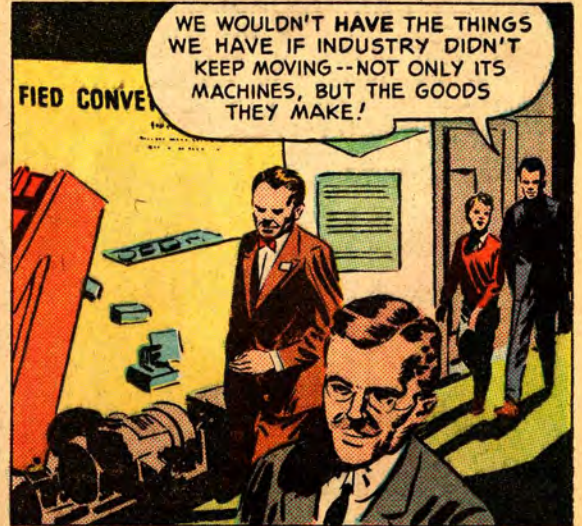
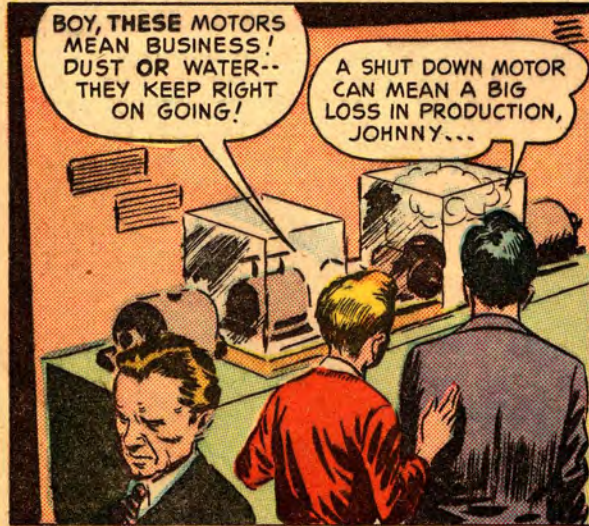
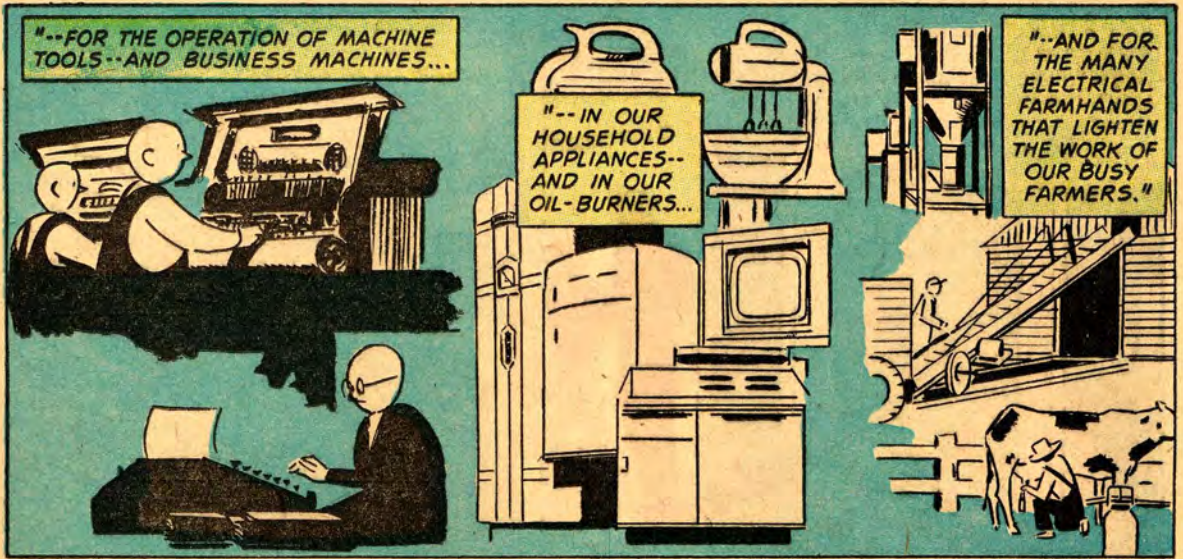
AND YOU CAN ALSO UNDERSTAND WHY DAD SAID "THANKS TO THE ELECTRICAL SERVICE COMPANIES BEHIND IT ALL..."

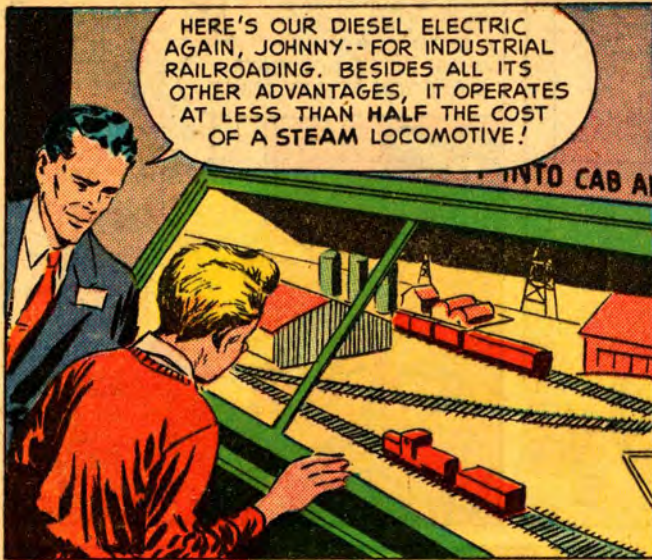


SAY-- THESE MUST BE FOR SOME OF THAT MACHINE POWER DAD WAS TALKING ABOUT--

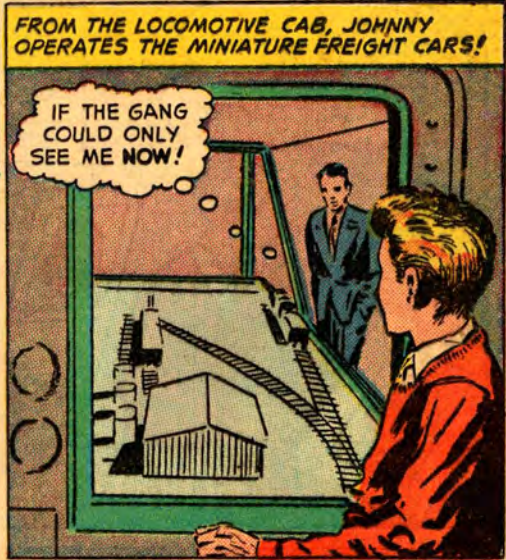
YES-- THESE ARE THE SMALLER-POWER MOTORS THAT ARE USED--







HERE'S OUR DIESEL ELECTRIC AGAIN, JOHNNY-- FOR INDUSTRIAL RAILROADING. BESIDES ALL ITS OTHER ADVANTAGES, IT OPERATES AT LESS THAN HALF THE COST OF A STEAM LOCOMOTIVE!

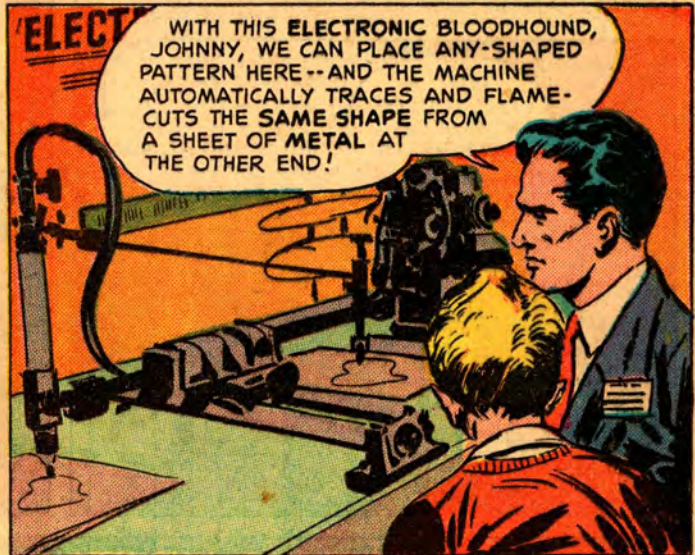


FROM THE LOCOMOTIVE CAB, JOHNNY OPERATES THE MINIATURE FREIGHT CARS!

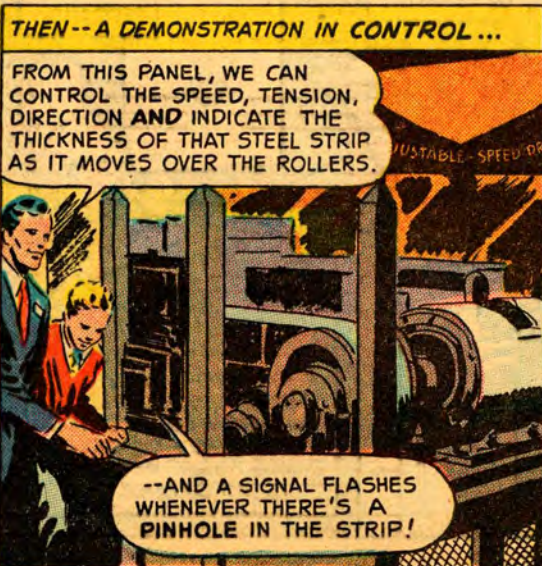
IF THE GANG COULD ONLY SEE ME NOW!



AND NOW FOR A FEW MORE OF THE KIND OF ELECTRICAL WONDERS THAT HELP US OUTPRODUCE ALL OTHER COUNTRIES...



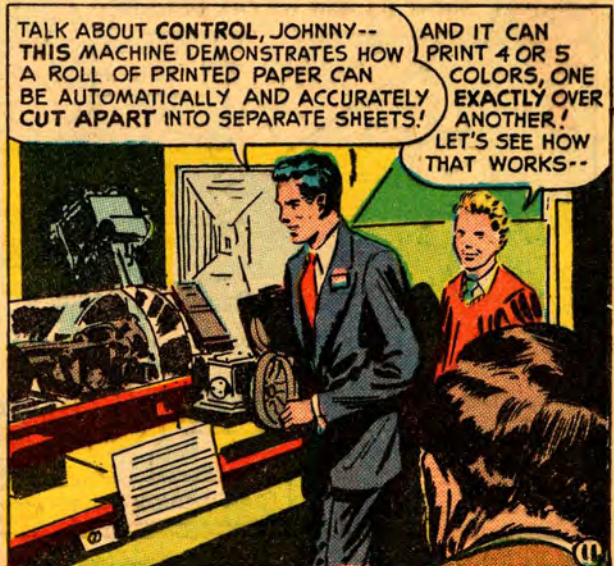
WITH THIS ELECTRONIC BLOODHOUND, JOHNNY, WE CAN PLACE ANY-SHAPED PATTERN HERE--AND THE MACHINE AUTOMATICALLY TRACES AND FLAME-CUTS THE SAME SHAPE FROM A SHEET OF METAL AT THE OTHER END!



THEN--A DEMONSTRATION IN CONTROL...

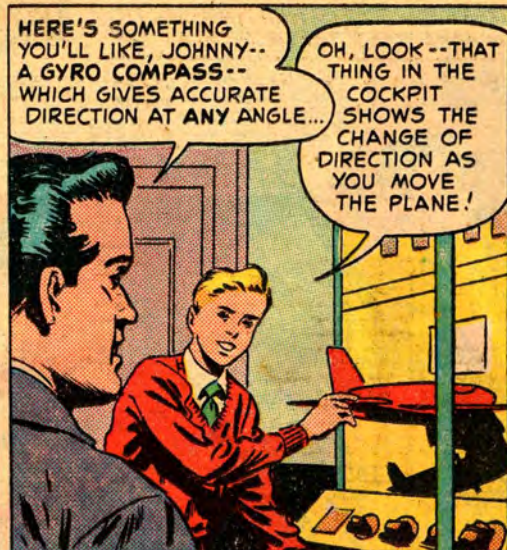
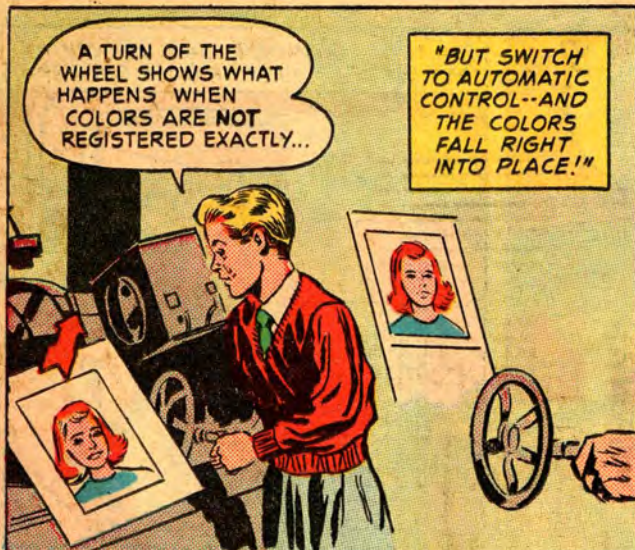
FROM THIS PANEL, WE CAN CONTROL THE SPEED, TENSION, DIRECTION AND INDICATE THE THICKNESS OF THAT STEEL STRIP AS IT MOVES OVER THE ROLLERS.

--AND A SIGNAL FLASHES WHENEVER THERE'S A PINHOLE IN THE STRIP!

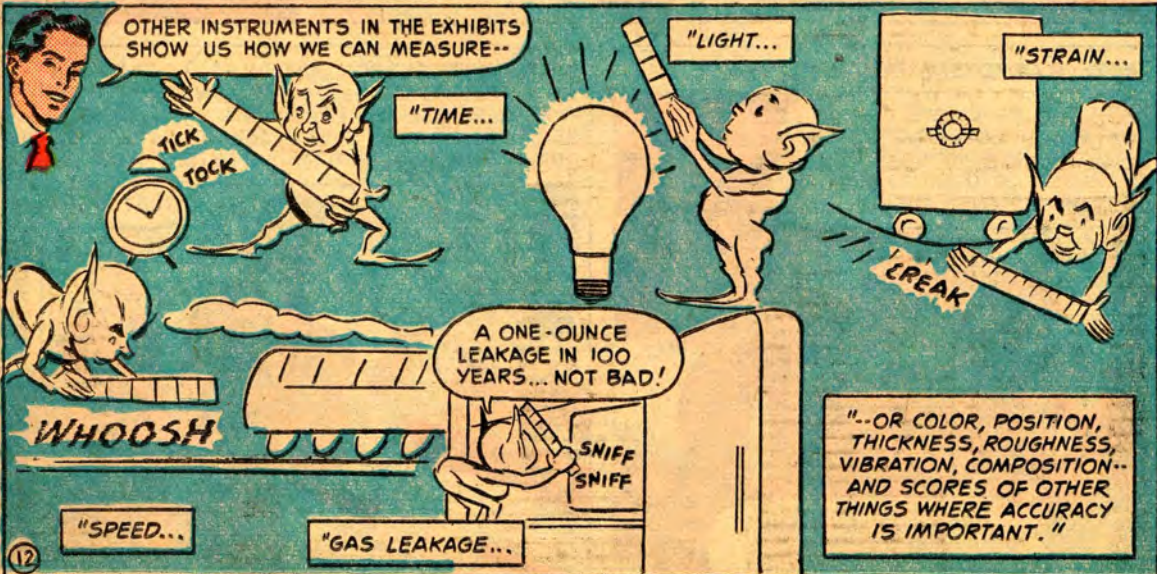
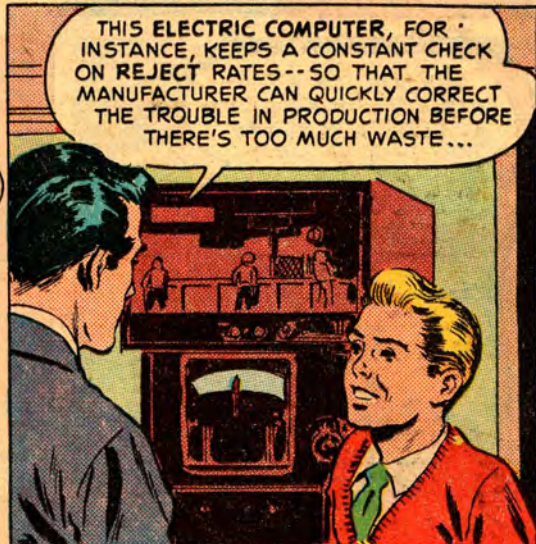
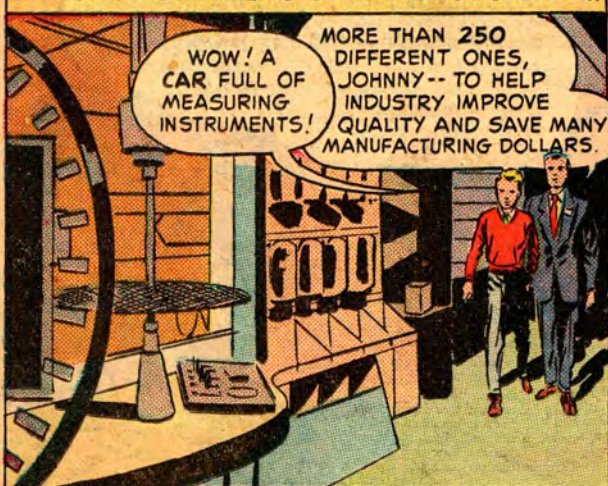


TALK ABOUT CONTROL, JOHNNY-- THIS MACHINE DEMONSTRATES HOW A ROLL OF PRINTED PAPER CAN BE AUTOMATICALLY AND ACCURATELY CUT APART INTO SEPARATE SHEETS!

AND IT CAN PRINT 4 OR 5 COLORS, ONE EXACTLY OVER ANOTHER! LET'S SEE HOW THAT WORKS--



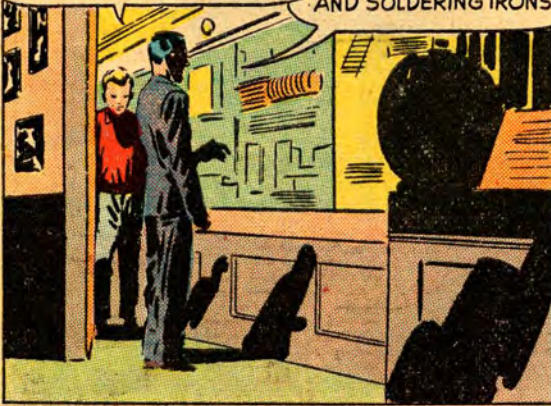
SOON, THE BOYS ENTER THE MEASUREMENTS SECTION OF THE MORE POWER TO AMERICA SPECIAL...



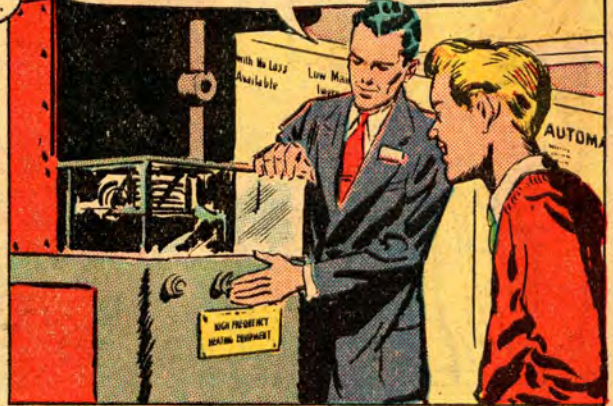
THEN ON TO THE HEATING SECTION,
WHERE THEY SEE A DISPLAY OF--

"BUILT-IN ELECTRIC HEAT"--
LIKE THE KIND IN MOM'S
KITCHEN-RANGE, JOHNNY...

GOSH--SO MANY
KINDS OF HEATERS!
CABLES--N TUBES--
AND SOLDERING IRONS...

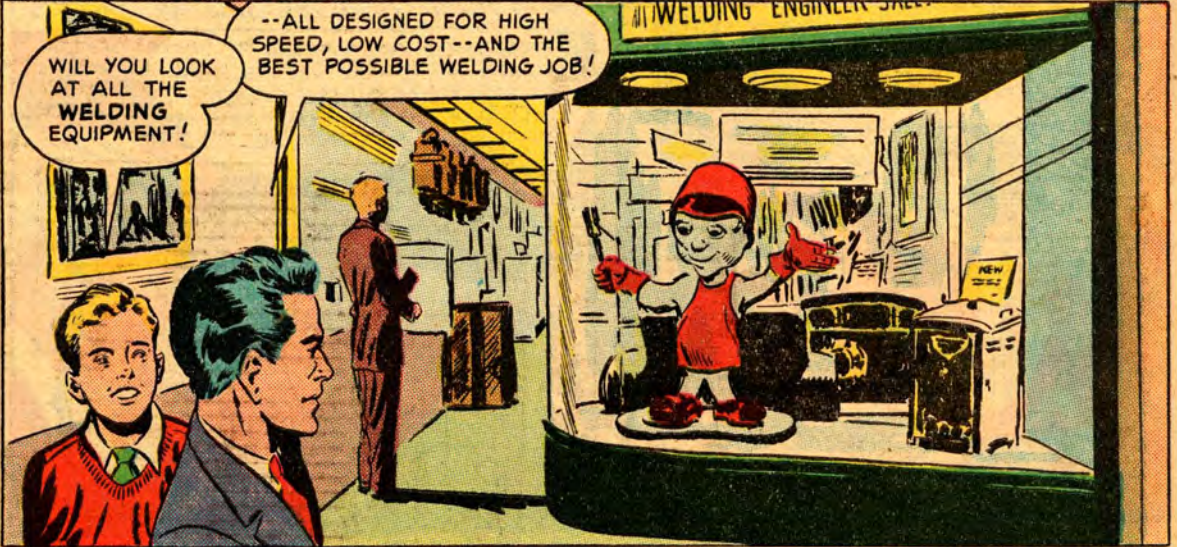


--AND HERE'S INDUCTION HEATING-- HEATING
METALS BY MAKING AN ELECTRIC CURRENT FLOW
THROUGH THEM-- WITHOUT ANY ELECTRICAL
CONTACT AT ALL! LIKE THAT AXLE BEING
FORGED THERE. GIVES UNIFORM HEAT--
AND SAVES A LOT OF TIME AND MONEY!



WILL YOU LOOK
AT ALL THE
WELDING
EQUIPMENT!

--ALL DESIGNED FOR HIGH
SPEED, LOW COST--AND THE
BEST POSSIBLE WELDING JOB!



OF COURSE IT'S UP TO
GENERAL ELECTRIC TO
HELP KEEP UP THE
HIGH QUALITY OF ITS
EQUIPMENT-- AND
KEEP ANY SERVICING--
EXPENSES DOWN, TOO...

THESE STOCK
PARTS MUST
BE PRETTY
THRIFTY, ED,
IF ONE
PART CAN
REPLACE MANY
DIFFERENT ONES!

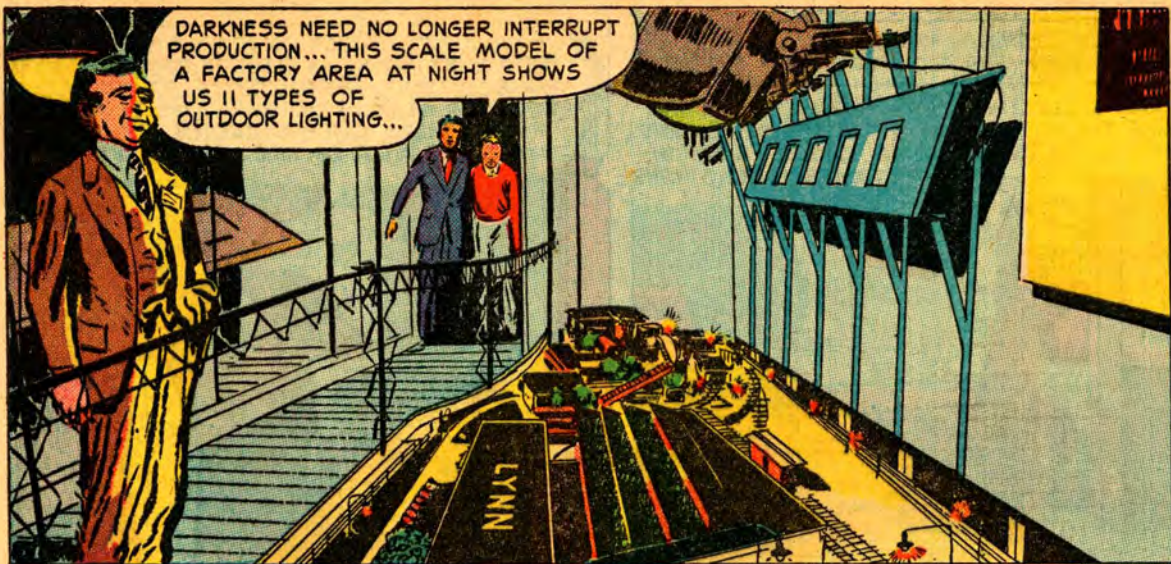


SOON, AT THE LAMP GALLERY...

GEE-- EDISON'S LITTLE LIGHT
BULB HAS GROWN QUITE A
FAMILY IN THE PAST 70 YEARS,
HASN'T IT?

I'LL SAY IT
HAS! WE'VE JUST
ABOUT DONE AWAY
WITH DARKNESS--IN
OR OUT-OF-DOORS...



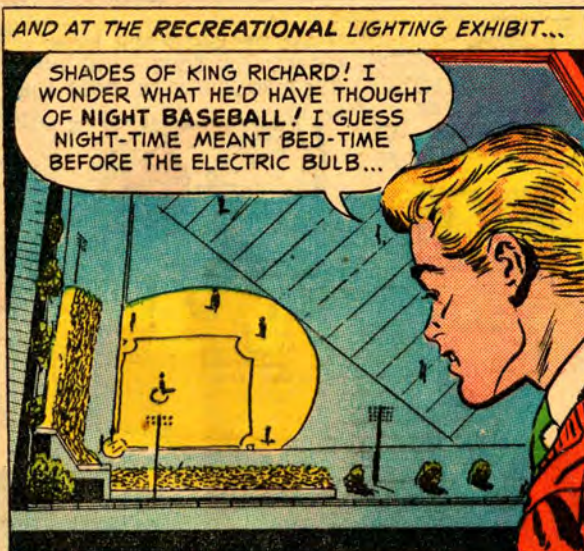


DARKNESS NEED NO LONGER INTERRUPT PRODUCTION... THIS SCALE MODEL OF A FACTORY AREA AT NIGHT SHOWS US 11 TYPES OF OUTDOOR LIGHTING...



IF YOUR "PUSH-BUTTON" FINGER ISN'T WORN THIN BY NOW, JOHNNY, TRY THAT BUTTON THERE FOR A DEMONSTRATION OF STREET-LIGHTING.

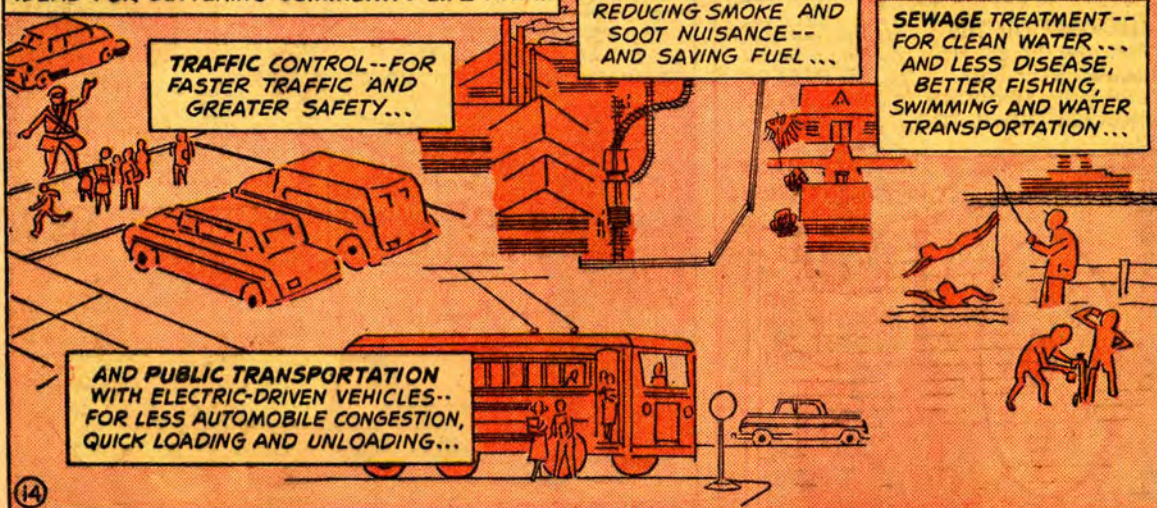
BOY-- A STREET-FUL OF THESE SHOULD PUT A LOT OF CRIMINALS OUT OF BUSINESS!



AND AT THE RECREATIONAL LIGHTING EXHIBIT...

SHADES OF KING RICHARD! I WONDER WHAT HE'D HAVE THOUGHT OF NIGHT BASEBALL! I GUESS NIGHT-TIME MEANT BED-TIME BEFORE THE ELECTRIC BULB...

JOHNNY AND ED THEN SEE A FEW ELECTRICAL IDEAS FOR BETTERING COMMUNITY LIFE WITH...

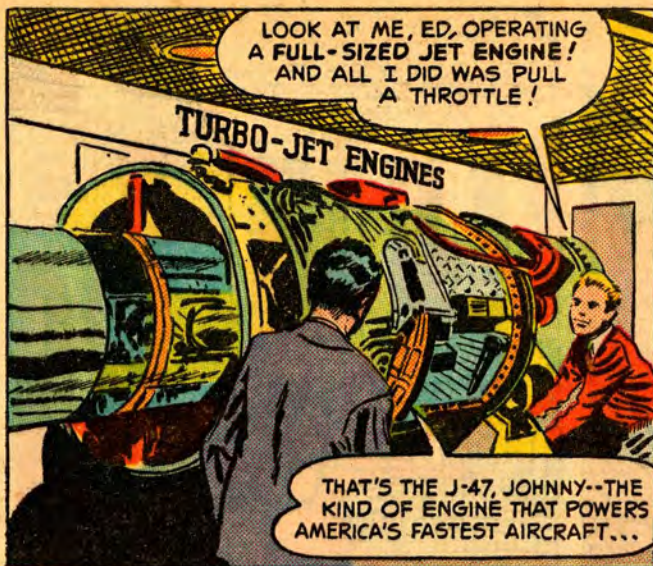


TRAFFIC CONTROL--FOR FASTER TRAFFIC AND GREATER SAFETY...

SMOKE CONTROL--FOR REDUCING SMOKE AND SOOT NUISANCE-- AND SAVING FUEL...

SEWAGE TREATMENT--FOR CLEAN WATER... AND LESS DISEASE, BETTER FISHING, SWIMMING AND WATER TRANSPORTATION...

AND PUBLIC TRANSPORTATION WITH ELECTRIC-DRIVEN VEHICLES--FOR LESS AUTOMOBILE CONGESTION, QUICK LOADING AND UNLOADING...



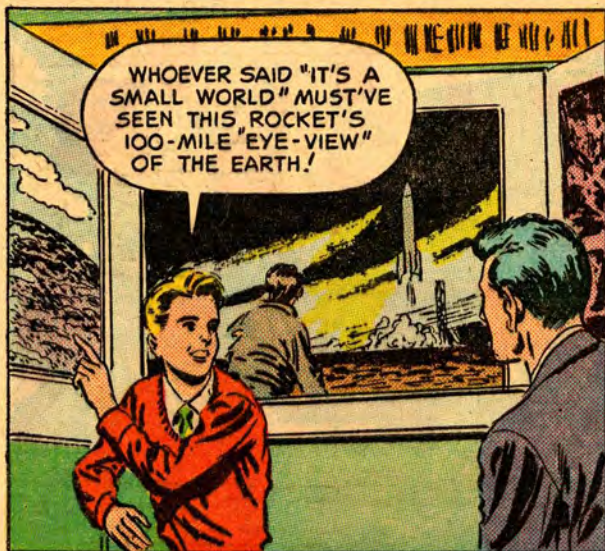
LOOK AT ME, ED, OPERATING A FULL-SIZED JET ENGINE! AND ALL I DID WAS PULL A THROTTLE!

THAT'S THE J-47, JOHNNY--THE KIND OF ENGINE THAT POWERS AMERICA'S FASTEST AIRCRAFT...

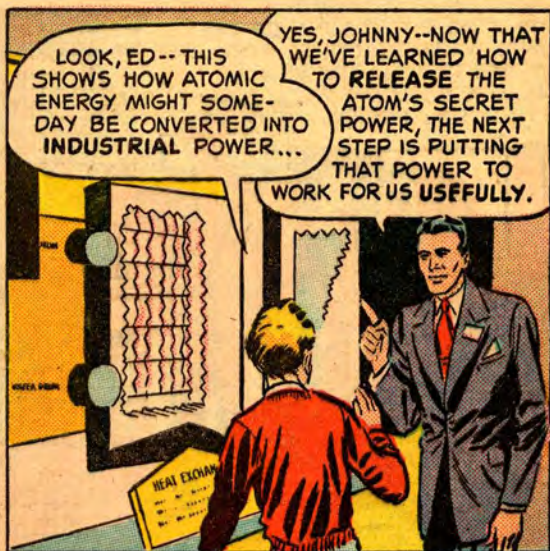


"IN 1948, AN AIR FORCE FIGHTER PLANE EQUIPPED WITH THAT ENGINE, SET THE WORLD'S SPEED RECORD OF--"

-- 670 MILES AN HOUR!

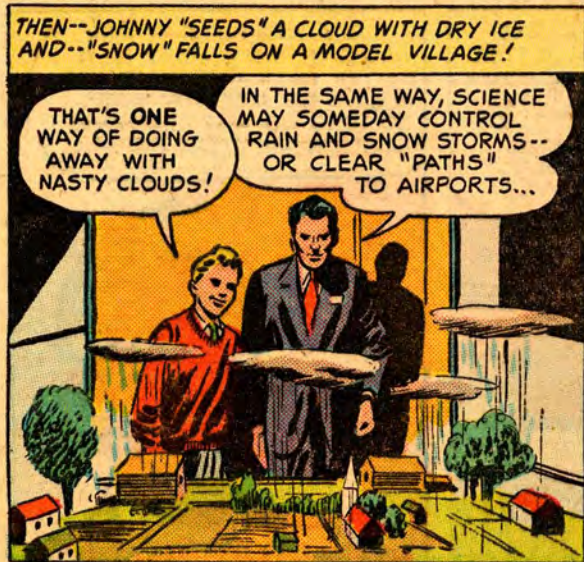


WHOEVER SAID "IT'S A SMALL WORLD" MUST'VE SEEN THIS, ROCKET'S 100-MILE "EYE-VIEW" OF THE EARTH!



LOOK, ED-- THIS SHOWS HOW ATOMIC ENERGY MIGHT SOMEDAY BE CONVERTED INTO INDUSTRIAL POWER...

YES, JOHNNY--NOW THAT WE'VE LEARNED HOW TO RELEASE ATOM'S SECRET POWER, THE NEXT STEP IS PUTTING THAT POWER TO WORK FOR US USEFULLY.



THEN-- JOHNNY "SEEDS" A CLOUD WITH DRY ICE AND-- "SNOW" FALLS ON A MODEL VILLAGE!

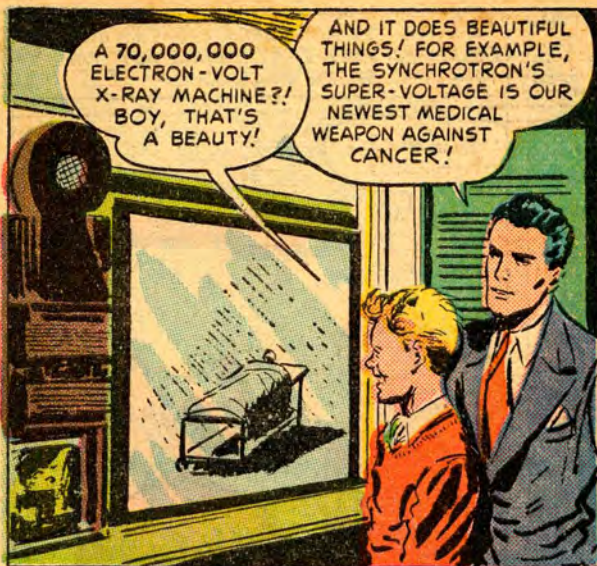
THAT'S ONE WAY OF DOING AWAY WITH NASTY CLOUDS!

IN THE SAME WAY, SCIENCE MAY SOMEDAY CONTROL RAIN AND SNOW STORMS-- OR CLEAR "PATHS" TO AIRPORTS...



ED OPERATES THE MECHANICAL HANDS...

MIGHTY "HANDY" GADGET, JOHNNY-- FOR HANDLING DANGEROUS RADIOACTIVE MATERIALS SAFELY!

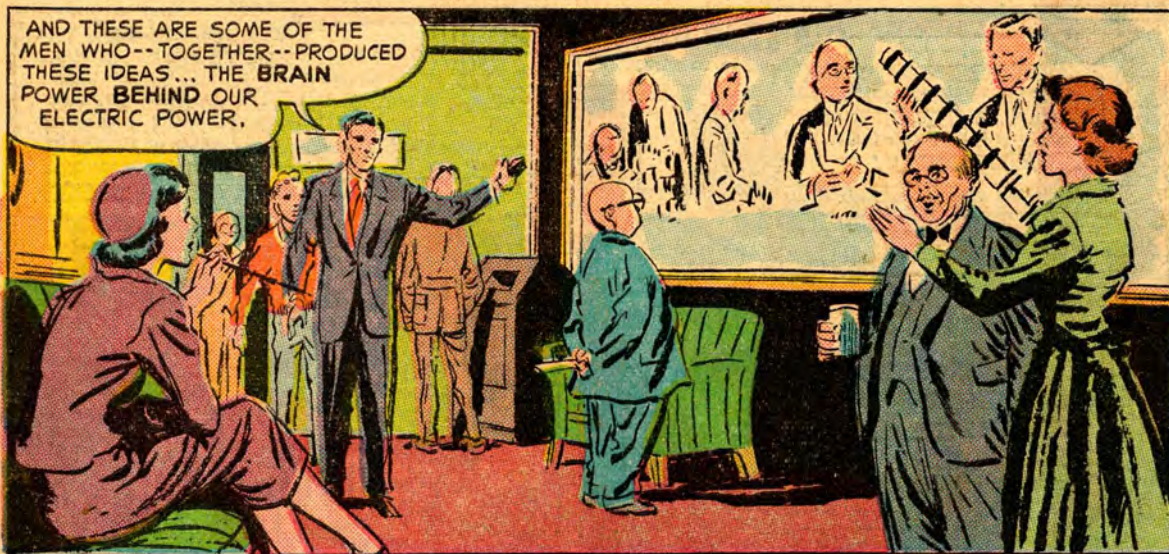


A 70,000,000 ELECTRON-VOLT X-RAY MACHINE?! BOY, THAT'S A BEAUTY!

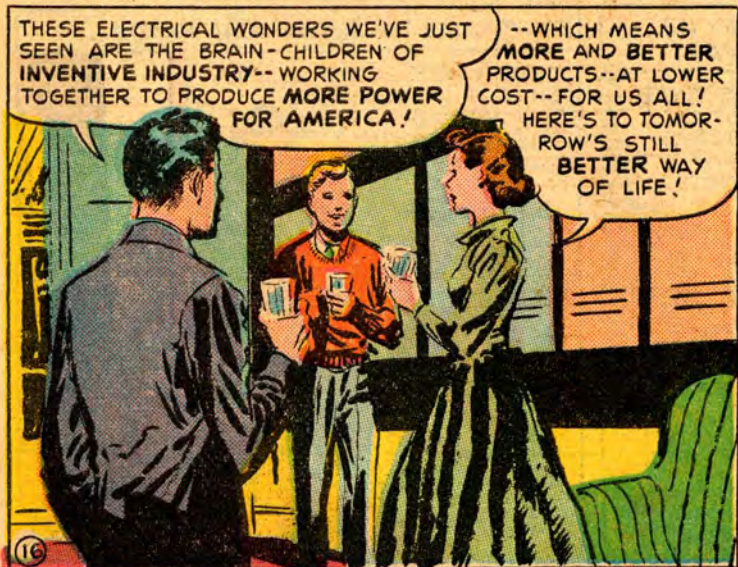
AND IT DOES BEAUTIFUL THINGS! FOR EXAMPLE, THE SYNCHROTRON'S SUPER-VOLTAGE IS OUR NEWEST MEDICAL WEAPON AGAINST CANCER!



WELL, THE TOUR'S ABOUT OVER... YOU'VE JUST SEEN TEN CARS' WORTH OF ONE COMPANY'S CONTRIBUTIONS TO THE PROGRESS OF INDUSTRIAL AMERICA...



AND THESE ARE SOME OF THE MEN WHO--TOGETHER--PRODUCED THESE IDEAS... THE BRAIN POWER BEHIND OUR ELECTRIC POWER.



THESE ELECTRICAL WONDERS WE'VE JUST SEEN ARE THE BRAIN-CHILDREN OF INVENTIVE INDUSTRY-- WORKING TOGETHER TO PRODUCE MORE POWER FOR AMERICA!

--WHICH MEANS MORE AND BETTER PRODUCTS--AT LOWER COST--FOR US ALL! HERE'S TO TOMORROW'S STILL BETTER WAY OF LIFE!



AMERICA WAS BUILT BY MEN WHO SAID "THERE MUST BE A BETTER WAY"... AND THERE WILL ALWAYS BE A BETTER WAY, SO LONG AS THIS CHALLENGE EXISTS IN THE HEART OF MEN!