

---how Value Specialists are helping
all of us do our jobs better

53-21

R. F. Transformer

FROM



37¢

TO



17-1/2¢

Design
Simplified for
Manufacturing

SAVINGS -- \$39,000/yr

Worked with specialist supplier utilizing his
simplified but functional design which elimi-
nated washers and threading small wires
through holes.

For more information --

Fred Schnoor, Value Analyst, Syracuse

Specialist suppliers assisting --

Paul Smith, Inc.

Cincinnati, Ohio

Class of improvement --

Better idea.

Better design.

Better supplier

Better manufacturing methods.

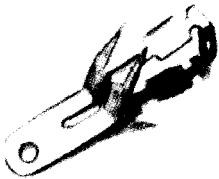
Better use of something available.

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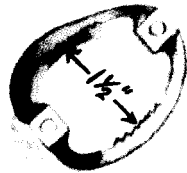
Metallic Tube Retainer

FROM

TO



4.2¢



.9¢

SAVINGS -- \$22,000/yr.

For part of requirement (700,000) simpler
retainer could be used.

For more information --

Fred Schnoor, Value Analyst, Syracuse

Class of improvement --

- Better idea
- Better design
- Better supplier
- Better manufacturing methods
- Better use of something available.

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Schenectady

12/53

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Steel J Bolt

FROM



11.7¢

Cut Thread
Screw-Machine
Part

TO



1.5¢

Rolled Thread
Part

SAVINGS -- \$80,000/yr.

Asked rolled thread specialist to study it.
Had words "cut thread" removed from
drawing.

For more information --

Fred Schnoor, Value Analyst, Syracuse

Specialist suppliers assisting --

Townsend Company

New Brighton, Pennsylvania

Class of improvement --

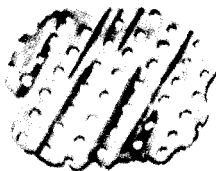
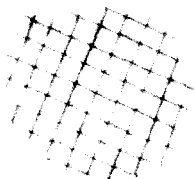
- Better idea
- Better design.
- Better supplier.
- Better manufacturing methods.
- Better use of something available.

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Cabinet Screen

FROM

TO



28¢

Wire Mesh

18¢

Perforated Sheet
Metal

SAVINGS -- \$12,000/yr.

Allows essential cooling and adequate
protection.

For more information --

Fred Schnoor, Value Analyst, Syracuse

Class of improvement --

Better idea.

Better design.

Better supplier.

Better manufacturing methods.

Better use of something available.

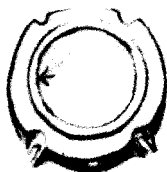
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Television Tube Support

FROM

TO



11¢

Moulded Rubber
Gasket

1¢

Gun Squirted
Rubber Gasket

SAVINGS -- \$46,000/yr.

Specialist who squirts rubber gaskets
into jelly glass lids was brought into the
plant and adapted his process for our use.

For more information --

Fred Schnoor, Value Analyst, Syracuse

Specialist suppliers assisting --

Dewey and Almy Chemical Company
Cambridge 40, Massachusetts

Class of improvement --

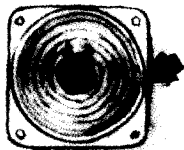
- Better idea.
- Better design.
- Better supplier.
- Better manufacturing methods.
- Better use of something available.

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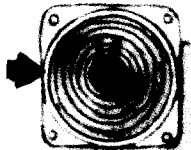
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Radio and Television Speaker

FROM



TO



Savings on 4" to 12" speaker
varies between 2¢ and 8¢ ea.

adhesive mounted
fiber washer

gun squirted
rubber washer

SAVINGS -- \$76,000/yr.

Specialist who squirts rubber gaskets into
jelly jar lids was brought into the plant and
adapted his processes for our use.

For more information --

Fred Schnoor, Value Analyst, Syracuse

Specialist suppliers assisting --

Dewey and Almy Chemical Company
Cambridge 40, Massachusetts

Class of improvement --

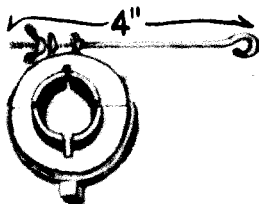
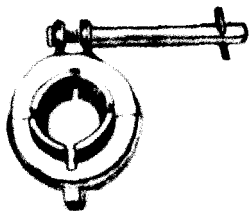
- Better idea.
- Better design.
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- Better use of something available.

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Tuning Screw

FROM

TO



11.8¢

Inside Threaded
Tube Assembly

2.5¢

Headed Roll-
Threaded Eye-
screw

SAVINGS -- \$28,000/yr.

Worked with specialist supplier getting
his suggestions and quotations.

For more information --

Fred Schnoor, Value Analyst, Syracuse

Specialist suppliers assisting --

Townsend Company

New Brighton, Pennsylvania

Class of improvement --

- Better idea.
- Better design.
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Insulator Ball Stud

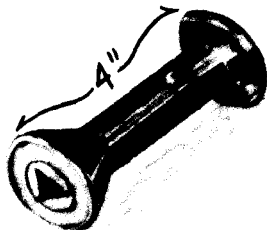
FROM



18¢

Forged

TO



12-1/2¢

Hot headed

SAVINGS -- \$80,000/yr

Worked out problem of hot-heading with
supplier. Provides the same function.

For more information --

C. M. Gordon, Locke Dept., Baltimore

Specialist suppliers assisting --

Bethlehem Steel Company
Bethlehem, Pennsylvania

Class of improvement --

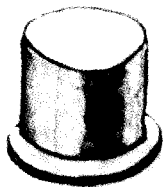
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Speaker Pole Piece

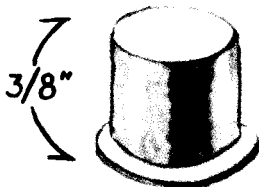
FROM



3-1/2¢

Screw Machine
Item

TO



1-1/2¢

Upset Blanchard-
Ground

Reduction -- \$40,000/yr.

OD, perpendicularity and finish tolerances held--non-critical length tolerance increased by .005". Critical face finish better than before.

For more information --

Value Analysis Services, Schenectady

Specialist suppliers assisting --

Schenectady Screw Machine Department

Class of improvement --

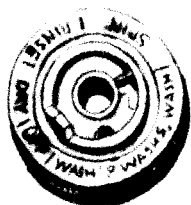
- Better idea.
- Better design.
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Appliance Control Dial

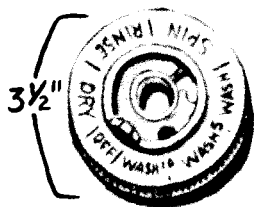
FROM



12¢

Hot Stamp
Lettering

TO



6¢

Letters auto-
matically Paint
Filled and Wiped

SAVINGS -- \$6000/yr.

New supplier built small automatic machine which provided a better product and cut costs in half.

For more information --

A. G. Hoyt, Jr., Value Analyst,
Louisville

Specialist suppliers assisting --

National Organ Supply Company
Erie, Pennsylvania

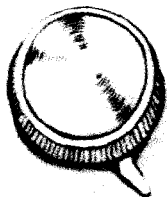
Class of improvement --

- Better idea
- Better design.
- Better supplier.
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- Better use of something available.

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Potentiometer Knob

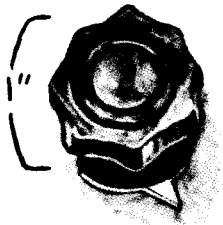
FROM



\$2.25

Special Aluminum Knob

TO



25¢

Standard Plas-
tic-Metal Knob

Quantity ---- 400/year

Save 9/10 of the Cost.

Provided suitable available standard for use
on the job.

For more information --

Value Analysis Services, Schenectady

Specialist suppliers assisting --

Kurz-Kasch, Inc.

Dayton, Ohio

Class of improvement --

Better idea.

Better design.

Better supplier.

Better manufacturing methods.

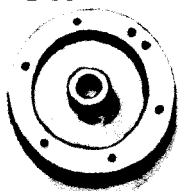
Better use of something available.

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Dial Hub

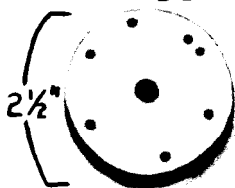
FROM



1.27

Machined Steel

TO



13¢

Available
Aluminum
Disc --
Drilled

Quantity ---- 2000/yr.

Save 9/10 of the cost.

Aluminum Company supplies in bulk, standard discs of suitable dimension. Flatten and drill for the same function with even lighter weight.

For more information --

Value Analysis Services, Schenectady

Specialist suppliers assisting --

Aluminum Company of America

1814 Alcoa Building

Pittsburgh 19, Pennsylvania

or

Other aluminum companies.

Class of improvement --

Better idea.

Better design.

Better supplier.

Better manufacturing methods.

Better use of something available.

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Control Nut

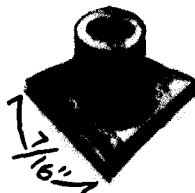
FROM



3.5¢

Brass Screw Machine
Part

TO



.7¢

Molded Nylon
Nut

SAVINGS -- \$14,000/yr

Specialist supplier makes nylon nut as
miniature casting.

For more information --

Ray Bowen, Value Analyst, Bridgeport

Specialist suppliers assisting --

Gries Reproducer Corp.

780 East 133rd Street

New York 54, New York

Class of improvement --

- Better idea.
- Better design.
- Better supplier.
- Better manufacturing methods.
- Better use of something available.

Value Analysis Services
Schenectady

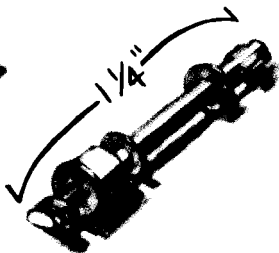
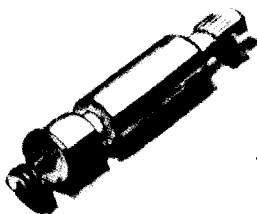
12/53

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Control Shaft

FROM

TO



7¢

1-1/2¢

Steel Screw Machine
Shaft

Zinc Miniature Die
Cast Shaft

SAVINGS -- \$25,000/yr

Specialty supplier casts parts in high speed single cavity dies. Rejections at assembly reduced by 3/4.

For more information --

Ray Bowen, Value Analyst, Bridgeport

Specialist suppliers assisting --

Gries Reproducer Corp.

780 East 133rd Street

New York 54, New York

Class of improvement --

Better idea.

Better design.

Better supplier.

Better manufacturing methods.

Better use of something available.

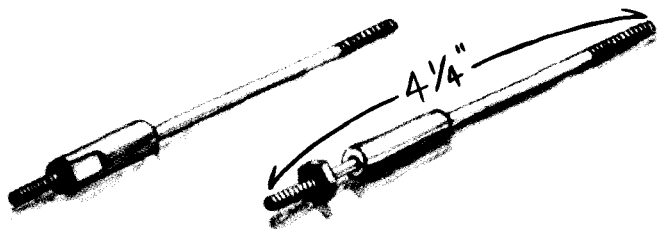
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Spacer Stud

FROM

TO



15-1/2¢

Screw Machine
Part

2-1/2¢

Upset and Roll-
thread Stud plus
Rolled Spacer

SAVINGS -- \$52,000/yr.

The two functions of "holding something together" and "separating something" were provided by two functional parts.

For more information --

Value Analysis Services, Schenectady

Specialist suppliers assisting --

Upset Roll Threaded Stud

Townsend Company

New Brighton, Pennsylvania

Rolled Spacer

E. R. Wagner Mfg. Co.

4611 N. Thirty-Second Street

Milwaukee 9, Wisconsin

Class of improvement --

Better idea.

Better design.

Better supplier.

Better manufacturing methods.

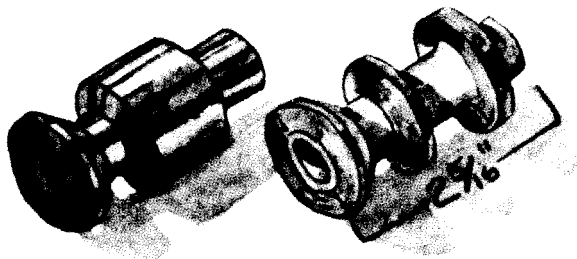
Better use of something available.

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V Belt Pulley

FROM

TO



60¢

Screw Machined
Steel Pulley

23¢

Die Cast
Pulley

SAVINGS -- \$22,000/yr

Worked with die casting supplier to achieve
same performance from his product.

For more information --

Value Analysis Services, Schenectady

53-21

Class of improvement --

- Better idea.
- Better design.
- Better supplier.
- Better manufacturing methods.
- Better use of something available.