

"Percussion Air Motor"

What is it?

The "Percussion Air Motor" is a transformer structure that converts one form of energy to another communicating no distortion by interacting a left handed magnetic circuit with a right handed magnetic circuit.

How does it work?

Energy is omnidirectional and reverses direction once during one time cycle.

When a complete measurement of a omnidirectional force is the objective, then a left handed magnetic force detecting section must measure magnetic energy from the left side hemispherical force face and a right handed magnetic force detecting section must measure magnetic energy from the right side hemispherical force face at the same time.

(A task that one single handed section or combining two of the same handed sections can not accomplish).

Why is it better?

Balanced transformation devices will produce more energy, last longer for the same cost.

What commercial products will be affected?

All electromotive force devices.

Loudspeakers

Radios

Microphones

Televisions

Motors

Antennas

Generators

Batteries

Light Bulbs

Heaters

1-1-1950

1-1-1950
1-1-1950

APPENDIX

Zero Distortion Transformers - (Percussion Air Motor)

The loudspeaker represents an electromagnetic transformer in the most basic form. The reciprocating motion (sound) produced by a loudspeaker is the result of reversing magnetic forces interacting with a north-south magnetic energy field.

A coiled wire, which is used in transformer construction, can be wound with a right hand lead or a left hand lead. A right hand coiled wire transforms energy equal to a left hand coiled wire.

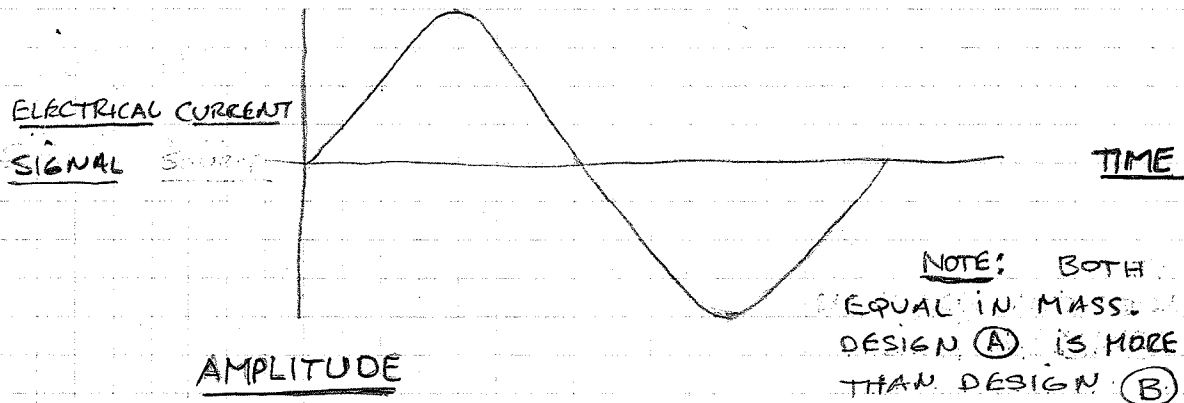
"Percussion Air Motor" is the label that claims a transformer structure arranging a right hand coil to interact with a left hand coil to produce distortion free, linear balanced sound.

To this date in time there has been no effort or resources devoted to transformer designs combining right and left handed circuits to interact in a balanced manner.

The combination circuits of the past, used left hands or right hands together, a combination that produces distortion during energy transformation.

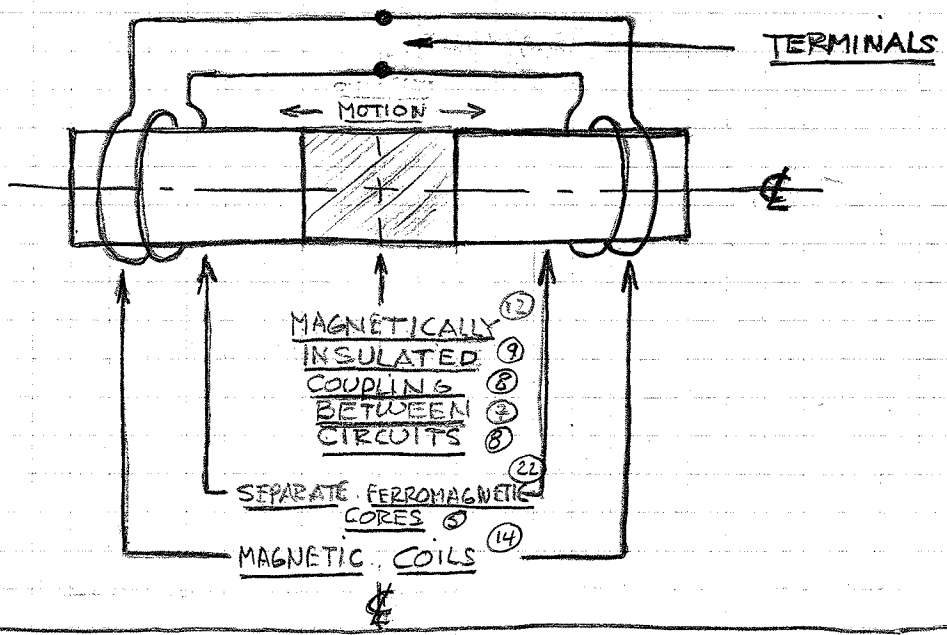
Applying "Percussion Air Motor" principles to rotary motion and the light spectrum alters the techniques now being used to produce energy transformation devices.

EQUALLY PARALLEL CONNECTED
ALTERNATING MOTION, TRANSDUCERS (68)
SOLONOIO

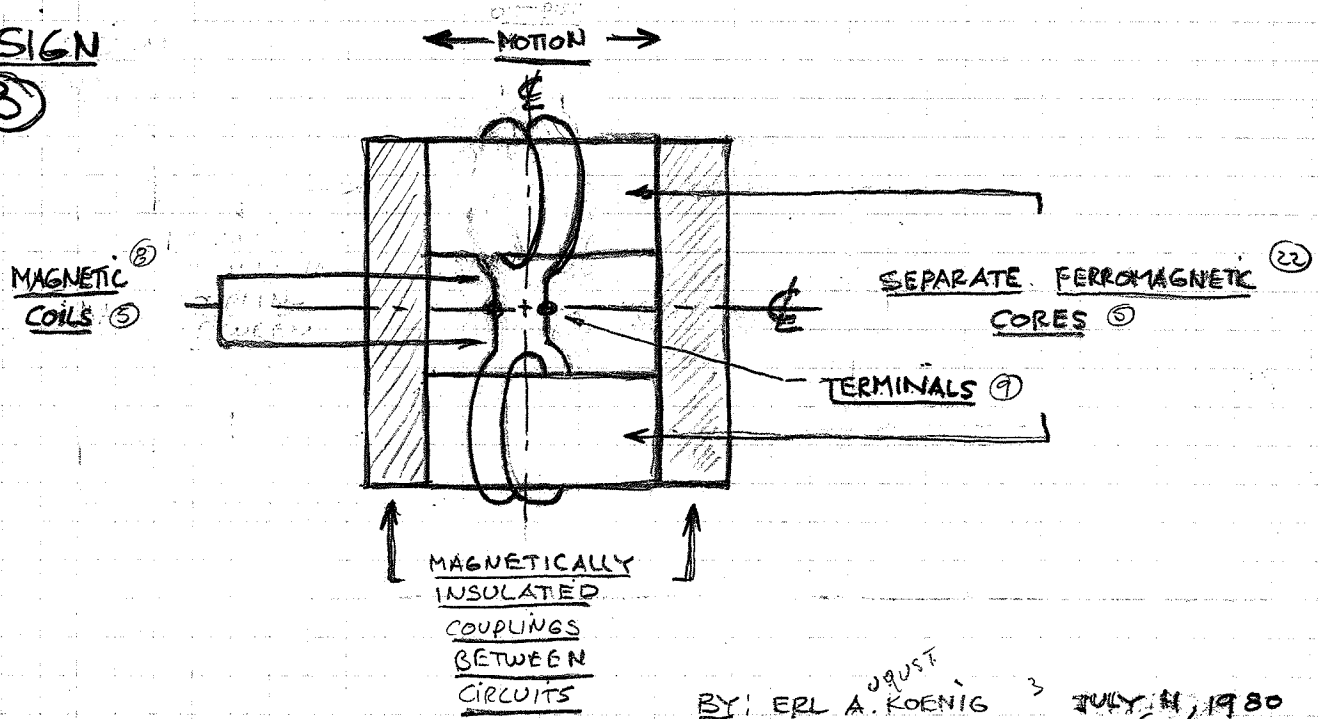


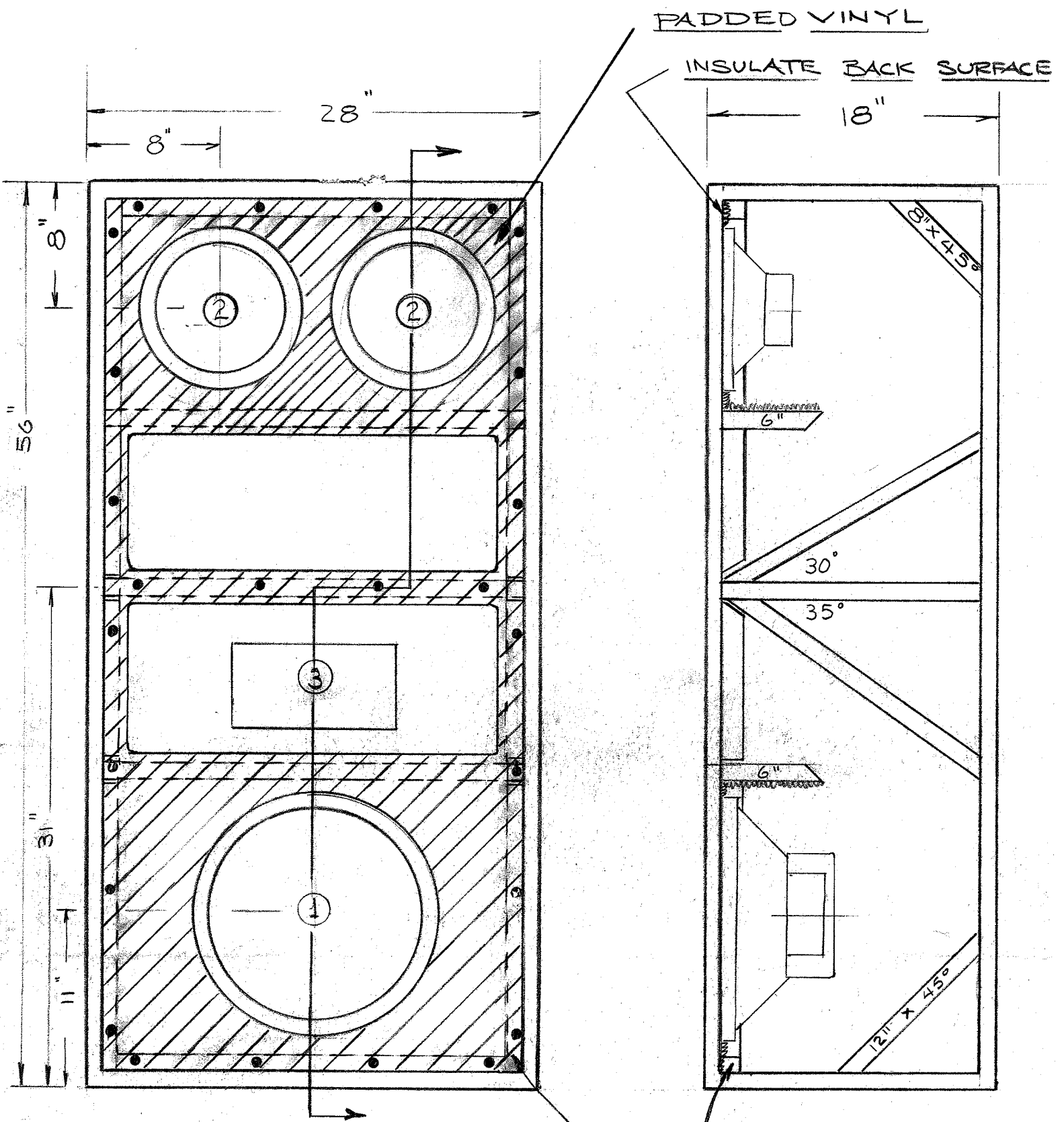
NOTE: BOTH DESIGNS ARE
 EQUAL IN MASS.
 DESIGN (A) IS MORE EFFICIENT
 THAN DESIGN (B). (44)

DESIGN (A)



DESIGN (B)





MATERIAL - 1" CHIP BOARD
GLUE & SCREW ALL JOINTS

FRONT FACE - SCREWED ON 2" TH.

NO. 1 HOLE DIA. -

NO. 2 HOLE DIA. -

NO. 3 - MOUNT TO SUIT

FORMICA ALL AROUND

1" x 1 1/2" ALL AROUND

E. KOENIG & CO.

3-25-78

SCALE 1/8" = 1"

KOENIG INTERNATIONAL SYSTEM'S LTD.

Charter & Purpose

To develop Magnetolectric * systems for commercialization.

Signal following reciprocating motion transducer design features.
(PERCUSSION AIR MOTOR ELEMENTS).

1. Increased diaphragm speed. (Greater clarity & definition).
2. Balanced distribution of energy.
3. Precise duplication of input signal.
4. Larger diaphragm areas obtainable by coupling elements in series.
5. Element can be charged with gases lighter than air to further increase diaphragm speed.

PERCUSSION AIR MOTOR ELEMENTS are applicable in the fields of ---

Communications

Propulsion

Medicine

Industry

Science

Music Arts

Reciprocating Motion Requirements

SUMMARY & COMPARISON

Signal following reciprocating motion transducers will be as significant to mans progress & life as the amplification of electromagnetic waves in the visible spectrum --- the LASER

* Magnetolectric - Electromotive forces developed by magnetic means.