For those logosphilics who like to construct crossword puzzles, the Windmill can be an entertaining diversion. But, first, what is a Windmill? It is nothing more than two word squares on a cross.

Windmills of size four are very easy to construct, like these two:

```
PULP  WISP
UTAH  IDOL
LAVA  SODA
PHARAOH  PLATYPUS
AINU  YOUR
ONUS  PURE
HUSH  IRES
```

Windmills of size five are a little harder but not that difficult. Here are three of them:

```
UNTAX  CORAM  WALTZ
NERVY  OPERA  ADORE
TRAIL  REPEL  LOTUS
AVISO  ARENA  TRUST
XYLOPHONE  MALAYALAM  ZESTFULLY
HIVES  AGAPE  URITE
OVERT  LAKES  LIGAN
NERVE  AVERS  LLAMA
ESTER  MESSY  YENAN
```

Windmills of six can be difficult. The selection of the word forming the cross requires much thought. However, they can be done:

```
ESCAPR  ATARS
SIEVER  TRIVET
CERISE  TISANE
AVISOS  AVATAR
RESORT  RENAME
PRESTISSIMO  STEREOSCOPE
SOONER  STORAX
SORTED  COBALT
INTAKE  ORACLE
MEEKER  PALLER
ORDERS  EXTERN
```
It ought to be possible to construct a windmill of size seven, but thus far all attempts have been unsuccessful. The one depicted below utilizes one coined word, MANSURE (sure of a man), but all the rest of the words can be found in a dictionary.

H. CAS S I US
A B A L O N E
S A T A N I C
S L A V I T E
I O N I Z E S
U N I T E R S
S E C E S S I O N I S M S
O M E N T A L
N E R V I N E
I N V E R S E
S T I R R U P
M A N S U R E
S L E E P E R

COMMENT (Palmer Peterson): I don't recall ever having seen anything like Mr. Shedlofsky's "Windmill" before. However, Form 128 in A Key To Puzzledom (Duane Powell, Dowagiac, Michigan, 1906), by William W. Delaney closely resembles it -- this is formed out of two word squares on a cross consisting of not just one word but two words in parallel. Windmills are considerably more difficult to construct than a pair of word squares sharing a single letter.

Unfortunately, I cannot find MANSURE in any of my references. Drop the S, and you have a common commodity down on the farm.