

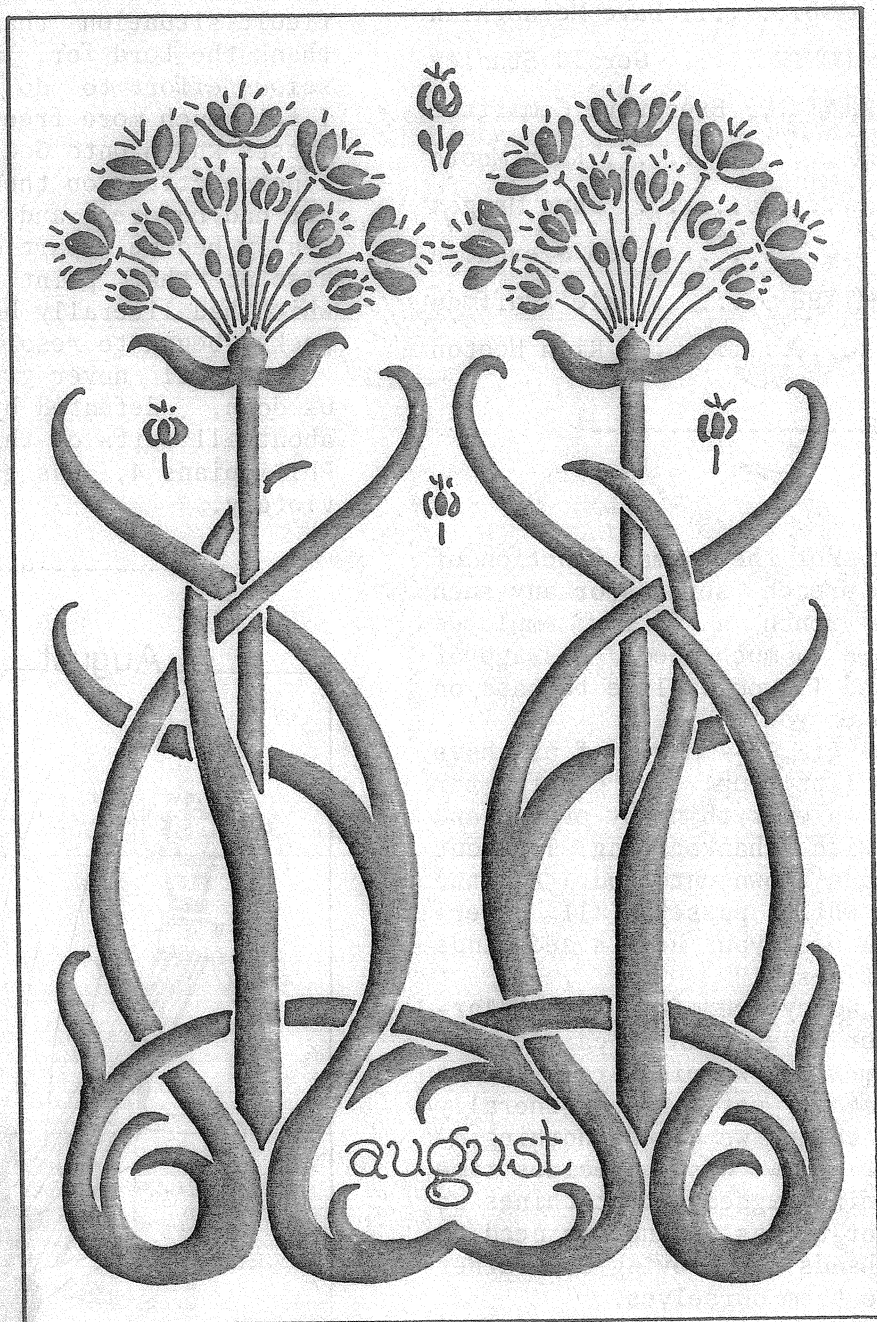
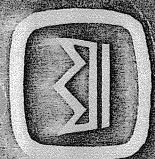
Journal

of

the

South

West



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The CROWN CRIER is the monthly company newsletter of Crown International, Inc., 1718 W. Mishawaka Rd., Elkhart, Indiana.

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SPOTLIGHT Marcie Kidder
ASSEMBLY REVIEW Dorothy Putz
ON THE OTHER HAND... Dave McLaughlin
PUZZLE OF THE MONTH Gerald Stanley
EXECUTIVE COMMENT ... Executive Committee
KALORIE KORNER Kate Moore
TECH TALK Dave Menges
SPEED TRAP Tom Szerencse
EMPLOYEE COMMITTEE Dale Kauffman
COVER ART Rich Hooton

Editorial

While it is not the normal function of editorials to preach sermons or any such things, this month a fellow employee shared with me a much needed passage of scripture, and I would like to pass on its challenge to you.

Philippians 4:6,7 -- most of us have heard it from little up: "Be careful for nothing, but in everything by prayer and supplication with thanksgiving let your requests be made known unto God. And the peace of God which passeth all understanding shall keep your hearts and minds through Christ Jesus."

Anxiety and worry are often a much larger part of our lives than we care to admit. Sometimes our worries are somewhat legitimate, mostly not, but generally they concern things we can do nothing about anyway. So we waste precious time and energy being bugged about things we can't help, or things we know we need to leave in the hands of a loving God rather than to tackle them ourselves.

The Philippians passage specifically commands us not to worry, and furthermore tells us how to not worry. Prayer, we all know, is communication with God. The dictionary defines supplication as a "humble entreaty." The rub comes in the thanksgiving. We are willing to thank the Lord after we see what He has already

done, many times we are even willing to thank Him for what He is going to do. But we are a little slack in thanking Him for what He is doing in the middle of a bad situation. A recent delve into this passage forced me to examine my own heart and begin a deliberate effort to thank the Lord when I didn't feel very thankful at all. I was astonished at the number of things directly involved in a difficult situation that I could honestly thank the Lord for, and as I made a conscious effort to do so I discovered that I felt much more free to "make my requests known unto God." I began to get a perspective on the situation I had never had before, and verse seven began to really become a part of my life. It was also at that point that the problem, which had literally been bothering me for weeks, began to resolve.

The devil never gives up trying to get us down, defeated by worry and anxiety about all sorts of things. But Paul, in Philippians 4, has given us the key to victory.
--M.H.

August



GRASSHOPPER PARALYSIS

The first recorded case of this disease was in the nation of Israel. Historical medical records reveal that it was only several months after God had delivered the Hebrews from Egypt that they had a nearly fatal case of grasshopper paralysis. They had witnessed God's provision for their deliverance from Egypt with the ten plagues, followed by the path through the Red Sea.

This God who was daily supplying their food and water had revealed Himself to them on Mount Sinai and given them the plan for living as individuals and as a nation (The Ten Commandments), and was visibly with them in a pillar of cloud and fire.

This disease (whose characteristics are a paralysis of first the sight, then the emotions and finally the body) was contacted when the twelve spies entered Palestine on a scouting mission. Upon their return they all agreed that the opportunities for a rich and enjoyable future were even beyond their earlier imagination; BUT the ten who had been infected reported: "We saw people stronger than us - and very great walled cities - and giants - and we were in our own sight as grasshoppers, and so we were in their sight."

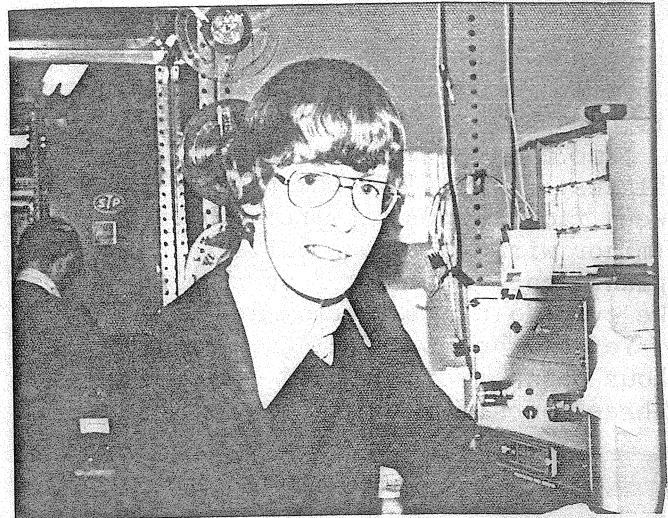
The infection spread quickly throughout the whole camp as shown by their decision that day: "Let us make a captain and return to Egypt." They chose bondage again rather than depend upon God's promise of freedom.

Joshua and Caleb, who were not infected, agreed with all but one of the observations of the other ten spies. In their own sight they were not grasshoppers. They saw God with them as the we. They viewed the giants as the grasshoppers in their sight!!

There is a 100% effective vaccine against grasshopper paralysis, as Moses, Joshua and Caleb proved. They recognized God for who he was, believed His promises, and acted on that promise of His presence and help. Forty years later, the giants became grasshoppers as Israel took the land.

God has given us individually and collectively giants to conquer that we might be known as His people. What are we doing that we can only do with God's continued provision? ...

--Clyde W. Moore



Mike Anderson

On Friday evening, 8 July, Mike Anderson, a victim of cystic fibrosis, went home to be with his Lord. A supervisor in our Set Rec department, Mike left behind a legacy that is best described by those who knew him best. Here are a few comments by his fellow employees:

"Mike worked at Crown a couple of years before I realized he had cystic fibrosis. Never did he complain or feel sorry for himself. I admired him even more when I realized the tremendous progress he made in spite of his ailment. He was a very independent person and refused to give up hope. The thing I will remember most about Mike is his quick walk, smiling face, and easy laugh."

"One thing that impressed me was the gifts he would give to his family or friends. In these gifts Mike would give a part of himself in the way of time and craftsmanship. One particular gift I remember was a motorcycle for his brother from scrap pieces of tubing and what not. I think gifts such as these are appreciated much more and remembered longer than something bought."

"Mike (Wally) was a good friend as well as a supervisor or co-worker. The thing I liked most about him was that he not only had a dedication to his job, but a good sense of humor and understanding toward his fellow employees. All in all he was a nice guy to know."

"Mike was a super friend. You could always depend on him for help when you needed it. He was also the hardest worker I've ever seen. He made his time count. I guess he had to...."

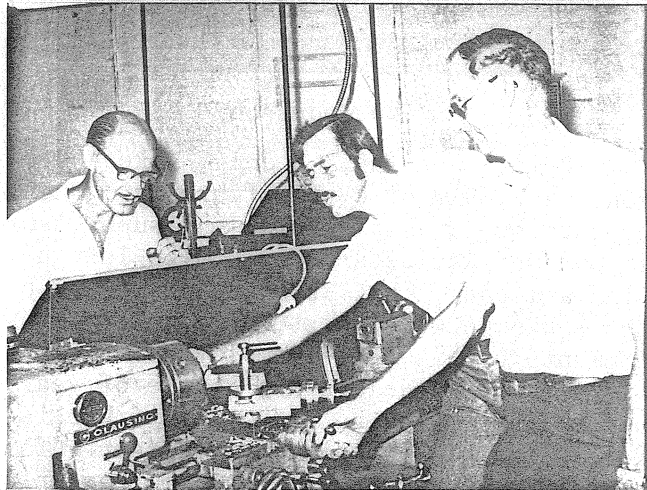
FLOODLIGHT

"Machine Shop's Undertaking"

First of all, hard labor and expertise is our thing.

Some things we do: Sharpen lawn mower blades; repair lawn mowers; mow lawns and weed flower beds; wire up electric fans (minor wiring); make bulletin boards for plants one and two; overhaul tractors. We even do a few government jobs.

To do the above things, we need a one hour break morning and afternoon and three hours for lunch.



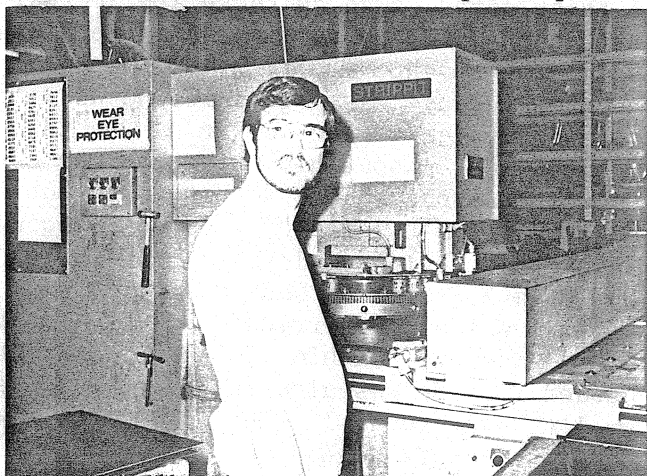
Isaac Kulp, Pete Coleman, Kermit Eger

Now we invite you to plant 2 to watch "Liz," the NC Strippit, which is our main event. To keep Liz going we need "shear" performance, then we follow up with "break press" bending quality.

Some front panels are "beaten up" with glass beads; this is called glass beading. It is very interesting indeed.

Some machinery like the "Boring, Milling, Lathe" we use very little since the transport line was unable to transport.

Then we have this 20 ton punch press,



Mel Smith



Don Curtis

which holds no punches, but it sure holes the main circuit boards for DCA's. There are other items too numerous to mention.

After all is said and done, we may not get too much done, but we sure are having a lot of fun.

--Machine Shop Ike

Now, to get down to the real thing...

There are a lot of different things that take place in this department. Isaac Kulp is the supervisor. He is also known as "Ikberry" to a few other employees. He keeps the department running in fine shape. His co-ordinator is Gene Gevaert, who has a number of jobs. His main job is helping the supervisor keep the department running fine.



Gene Gevaert, Lowell Huffman

The main machine is the NC Strippit, which has been named "Liz." A very interesting machine to watch run, it is operated by Mel Smith, who also runs the manual Strippit. The shear also plays an important part, and is operated by Pete Coleman. He has other jobs when there is no shearing to be done.

SPOTLIGHT

After Mel and Pete get done with some of the parts, Don Curtis does the deburring and operates the brake press. On down the way you will see Lowell Huffman. Lowell runs the pulleys on the lathe and other special jobs such as come from the engineering department and so on. He also will run band-saw and drill presses. The next person you will see is Kermit Eger. He was hired to find more efficient ways of running our products.

That just about covers the machine shop. There are times when work is slow and Millard Eger has the honor of Pete and Gene doing odd jobs for him. Sometimes Kermit gets in on some of the odd jobs too.

--Gene Gevaert



Dave McLaughlin

archy

say editur

hoo is that kyute gurl

that sits just inside the

door of the perchassing depart
ment

the other morning i saw a purty
bokay of flowrs on her

desk somone called them lilys of
the vally i beleeve

and when she wasnt looking i climed
up to hav a sniff

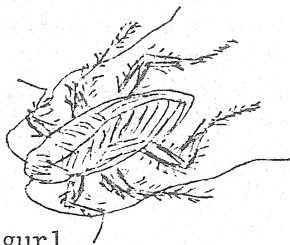
she cam back befor i got away
i had to kwik hide in the vase
and ther was watter in it

i dog paddled arownd a bit
then climed up to have a look
out the top

she was looking strate at me so
insted of retreeting i batted my long
lashes at her

she turned cleer pink
so becoming

ive seen yu together dont yu
suppos yu cood interduse us



archy

In the Spotlight this month we have Dave McLaughlin, who is a member of our sales team. Dave came to Crown in the fall of '68, working part time for a couple years while finishing his seminary studies. He first heard about Crown when he spent a summer with HCJB in Quito, Ecuador.

While working part time he was in the production area, checking out amps, doing repair work, etc. When he joined full time he moved to the sales department, working first of all on the DC300 manual.

Dave is now our Product Line Manager, working on product planning, coordination between marketing, engineering, and production, keeping track of competition, and handling information for dealers and field personnel.

Dave served as president on the employee committee for two years. This year he is manager of Crown's softball team, on which he has played for five years.

He and his wife Linda keep active with their own team. They have two boys: Bobby, 4, and Jeremy, 1.

Dave would like to see Crown remain a leader in providing the best value for the audio buyer.

A well-known author chanced upon a large number of copies of a long, incredibly dull book, which contained no index. Since they were cheap, he bought them up and mailed them anonymously to his friends, with the comment: "I think you will find this book interesting, especially the references to you, which, I hope, you will not consider offensive."



Terry Frick

Crown is happy to welcome to its engineering department Terry Frick. A graduate of Purdue and Taylor Universities, Terry comes to Crown with quite a few years of experience in the Video Products Division of Ampex Corporation in California.

Terry and his wife, Marlee, are natives of Northern Indiana, and they came back because they felt it was important that their children learn to know their grandparents. They returned in December of last year and spent the bad months of January and February sending out resumes to prospective employers in the area. Terry was attracted to Crown because it is one of the few electronics companies in the area, and also because of the Christian emphasis he heard was a part of Crown. A chance meeting with Mac at the Billy Graham meetings resulted in his sending a resume and the subsequent interviews which led to his being hired here. He will be working toward a position in Quality Control Management.

The Fricks are the parents of two children, Todd, who is 12, and Noelle, 10. Terry enjoys woodworking and stained glass and he likes reading, camping and fishing.

A SUBURBANITE PUT on a last-minute spurt of speed to catch his train—but missed it. A bystander remarked, "If you had just run a little faster you would have made it."

"No," the suburbanite replied, "it wasn't a case of running faster, but of starting sooner."

Assembly Review

Beginning this month, this column is being taken over by a new reporter. Carol Troxel left us due to the production cutback, and Dorothy Putz has volunteered to take the job.

In a quotation from last month's CRIER it said that a person rarely succeeds at anything unless he enjoys doing it. Well I fully intend to enjoy doing this column and perhaps drafting contributions from Crown friends now and then. You're forewarned, folks!

We especially appreciated in this month's assemblies: Howard King telling us that we need sunshine for our physical growth and SONshine for our spiritual growth, and that without the storm we would not see the rainbow; Mary Gangwer and Ruthanne Hershberger's touching duet numbers in honor of all the friends who left us because of the layoff and for Jean Griffin who left us permanently to join her husband in a new assistant-pastorate in Taylor, Michigan. We wish them all God's blessings.

In rummaging in our "collection" we found this. We like it, and hope you do too.

TAKE TIME

Take time to think - it is the source of power.

Take time to play - it is the secret of perpetual youth.

Take time to read - it is the fountain of wisdom.

Take time to love and be loved - it is a God-given privilege.

Take time to laugh - it is music to the soul.

Take time to give - it is too short a day to be selfish.

Take time to work - it is the price of success.

Take time to pray - it is the greatest power on earth.

AND REMEMBER - Satan is like a chained dog - he can't hurt you unless you get too close!

Editor's note: Dorothy went on vacation this month and was not present for a number of assemblies. We look forward to her contribution next month.

Money doesn't talk -
it just goes without saying a thing.

Notes from All Over

THE WARRANTY TITLES AND THE SERIAL CARD FILE ARE NOW UP TO DATE!!!!!! This is a first since before the fire of 1971. We are now able to process a customer's warranty card and send his title out to him within one week. Our success in accomplishing this goal is due to the hard work of Jane Teague and Sharon Jackson, not to mention the speedy typing fingers of Lyn Gran. A special thanks goes to Kate Moore, Shirley Sousley, Sally Peffley, and Margaret Eaton, who helped us with typing and file up-dating during the slow days in the Credit department....Purchasing has succeeded in cutting incoming shipments to a satisfactory amount and still meet the requirements of production. July saw many of us vacationing, and we warmly welcomed Arline, Bob, Enos, and Johnnie back. We grieved, but rejoiced, in the death of Scott, Marcie's nephew.

FIND 15 HIDDEN BOOKS

Below is a paragraph containing fifteen books of the Bible hidden in its sentences. Can you find them?

Once some remarks were made about hidden books of the Bible. It was a lulu. Kept some people actually looking so hard for facts and studying for the revelation, they were in a jam, especially since the books were not capitalized. But the truth finally struck numbers of our readers. To other, it was a real job. We want it to be a most fascinating few minutes for you. Yes, there will be some that are easy to spot. Others may require judges to determine. We also must admit, it usually takes a minute to find one, and there will be loud lamentations when you see how simple it is. One little lady says she brews coffee while she puzzles her brains.

--Submitted by Lorrie Swalm

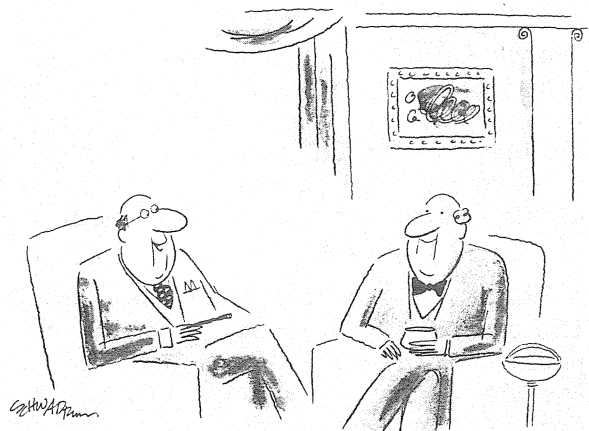
Attention Device

Think you're not getting enough attention?

Just try making some whooper of a mistake.

Employee News

Mary Miller (Sales) is beginning her flying lessons. As the only female member of the group, we wish her, "Good Flying!" . . . Speaking of liberation -- Ike Kulp (Plant 2) received a nice bouquet of roses on his anniversary. Rumor has it that June (Line 2) sent them to her beloved as he never sends her flowers. . . . Margaret Eaton (I always have to include something about her at least once a month) received a love letter written computer style. She won't confess whether it's from you know who, or whether it's from you know who. Only the computer knows for sure . . . Dave Engstrom (Set Com) will marry Sue Feece in August. Congratulations! . . . Gloria Blosser (Sales) and family went to Great America Amusement Park . . . So did Bill Miller (Set Com) only he got rained on, as should anyone taking off work for such things . . . Cinda Pittman (Sales) took a day off and went to Chicago to see the King Tut exhibition. Tickets were sold out and the only thing she got to see was herself on TV -- she was interviewed because she was riding on the South Shore . . . Pam Hipsher (Data Processing) is buying a new home. . . . Sheryl Gingerich and kids went to King's Island over the weekend of the 16th. She took a day off too. . . . I wonder who hasn't. . . . Karen Ryckeart and husband took advantage of CROWN's and Sea World's deal and stopped at Sea World on their vacation -- they approved, and are sure you will enjoy it also. . . . It has been rumored that Sally Peffley watches flies. . . .



"I find the best way to live within one's income is to have a big one."

Tech Talk

DIGITAL AUDIO TECHNIQUES...NEW WINESKINS

Dave Menges & Richard Putz

Imagine tape recording with undetectable wow and flutter, distortion, print through, signal-to-noise, cross talk, and audio response flat out to 20 KHz.

By placing audio information onto tape in digital form, new recording systems are achieving these impressive figures.

An outgrowth of the microprocessor explosion, digital recording techniques offer a new direction leading away from camps of analog recording. Basically this system of processing centers around the ability to take an analog audio signal, convert it to digital status, stored "on tape," and recalled as needed.

Digital techniques do exhibit some weaknesses also. To achieve accurate reproduction of frequency a high number of sampling levels of the audio being applied is required. The one particular machine described here* samples in 15 bit coding system or $2^{15} = 32,768$ levels. This yields an S/N ratio of 90db!

However, the cost is having to run the tape at 30 ips. One can put a higher number of tracks on a tape, for more program storage on a given tape. Another drawback at this early stage of the game is cost, with one company producing hand made machines with a price tag of \$65,000!

It appears that on the horizon is a brand new way of saying the same old thing.

*"New Audio Tape Machine Delivers Digital Fidelity" BM/E, February, 1977.

IT'S THE LAW!

A North Carolina state law makes it illegal to sing out of tune, and twin beds must be two feet or more apart in all hotels. In Charlotte it is the law that there must be at least sixteen yards of cloth around the body of a woman when she is on the streets.

In Kansas, it's against the law for eating places to serve ice cream on cherry pie. It is also unlawful to eat snakes on Sunday, and in McLouth it is illegal to wash false teeth in the public drinking fountains.

Puzzle of the Month

A BREAK FROM READING

Paul put down his book and did some figuring on a scrap of paper. "There's a lot of reading in this," he told his wife. "I think you'll enjoy it too."

"Don't keep me waiting too long then." Joan smiled. "How much more have you to read?"

"Nearly a hundred and fifty pages," replied Paul. "But I've just seen something quite odd about that. The first chapter starts at page thirteen, and the numbers of all the pages I've read before the page I'm on now add up to the same as all the pages I'll have to read after this one."

"What about the pages you skipped?" asked Joan. "Anyway you can figure those things out when you're through. I want the book."

In fact he had not skipped any pages. What was the number of the page he was reading?

ANSWER TO LAST MONTH'S PUZZLE

Say there were x^3 blocks in the cube part, $(y^2 - x^2)$ in the platform part, x and y being integers.

Then $y^2 - x^2 = 2x^3$, whence $x^2(2x + 1) = y^2$.

So, say $2x + 1 = z^2$, whence $2x = z^2 - 1$.

Here z must be odd, so say $z = 2k - 1$, whence $x = 2k(k - 1)$, $y = 2k(k - 1)(2k - 1)$.

From Ken's comment about the height, $k = 4$, making $x = 24$, and $x^3 = 13824$.

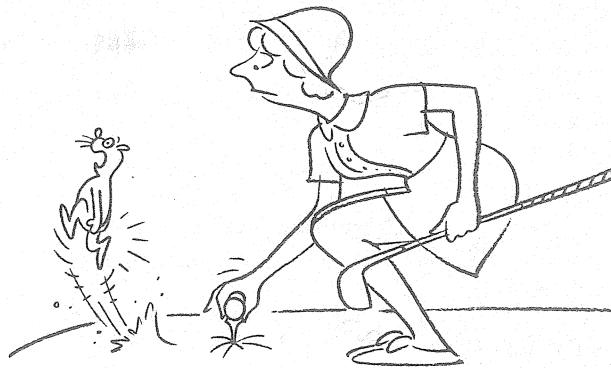
So in the complete structure there were 41472 blocks.

Swap Shop

FOR SALE: Hand made red, white, and blue afghan in hairpin lace. \$25.00. See Bernita Struble.

FREE: Four kittens need new homes! One gray male, one gray and white female, one black mael, one black female. Born May 14. Call Sandy at Ext. 205 for more information.

FOR SALE: Shed 11' X 11' X 8'; \$300. Contact Jane, Ext. 200.



Kalorie Korner

"GOOD - QUICK - EASY - RECIPES FOR THIS HOT - HOT - WEATHER"

FRUIT SALAD

- 1 - Family size package of Jello (peach or lemon)
Use 1½ cups hot water, 1½ cups cold water

While the Jello is cooling off, prepare whatever fresh fruits you want add:

For example, diced watermelon, cantaloupe, peaches, nectarines, white grapes, etc.

Add fruit to the cooled Jello.

REAL REFRESHING

LIME-PEAR SALAD

Dissolve 1 small box of lime jello in 1 cup hot pear juice. Let cool slightly. Place in blender, add 1 cup pears, 1 8oz. pkg softened cream cheese, blend well. Add 1 small tub of Cool Whip. Blend well.

Pour into bowl or mold and chill over night.
Maybe used as salad or dessert.

EASY DESSERT

- | | |
|----------------------------|--------------------------------|
| 1½ cup sugar | 1 cup oleo |
| 4 eggs | 2 cups flour |
| 1 Tbs lemon extract(juice) | 1 can pie filling(your choice) |

Gradually add sugar to oleo in large bowl, cream at medium speed until light & fluffy.

Add 1 egg at a time, beat well after each one. On low speed, add flour & lemon. Pour into greased 10x15x1 jelly roll pan. Mark into 20 squares. Add 1 heaping Tbs of pie filling in center of each square.

While warm dust with powdered sugar. Cool, cut into squares.

Oven - 350° - 30-35 minutes.

Crier Echoes

We lifted this month's CRIER ECHOES right out of the October '71 issue.

It has come to my attention, since I am so attentive, that many people who work at CROWN don't know what they are doing. I mean, who they are doing things for. Let us take for instance - recorders. Many production people have no idea where some of our recorders are going. To mention only one of the many special buyers of CROWN, A. R. Vetter.

Mr. Art Vetter buys 700 transports, puts on his own electronics and in turn sells these very special recorders to many hospitals and research institutes for heart monitoring. Just think, when your ticker starts acting up, you may be looking at a CROWN. See, you can't get away from CROWN even when you're sick. When you get put into the hospital, be certain you have a CROWN manual with you.

Did you know you might have contributed to the health, & welfare of someone when you soldered the control buttons on the 700 transport? The Vetter boys are very happy with the CROWN equipment they receive but they sure would like to speed up their production and not need to test the transports for two weeks straight to see if the decks are going to fail.

XXXXXXXXXXXXXXXXXXXXX

Bean wagon, garbage truck and maggot wagon are a few of the names used to describe the deliverer of our noonhour repast. Mr. Strompel, our jovial salesman, believes we are insulting our chuck truck with such low-class names. He has proposed that when our mobile food establishment arrives it should be announced in the following manner, "The Roach Coach is now serving at the employee's entrance." Anyone else have any ideas?

XXXXXXXXXXXXXXXXXXXXX

Thot for the day,

Marriage resembles a pair of shears, so joined that they cannot be separated; often moving in opposite directions, yet always punishing anyone who comes between them.

Speed Trap

Hi there! First things first. Take out your driver's license and see if you have been driving with expired license. A common, but ungood, thing to do. Should you find yourself showing this document to a law officer because of some other reason, an out-dated license will put the icing on the cake!

Second, look at the left corner of your windshield and check that number on your inspection sticker. This is often overlooked, and if found to be in violation could cost you as much as \$35 to \$45. However, if your car is in good shape, you can invest \$2.50 towards a new one and think of it as insurance.

Here are some things to check before you go to get a new safety sticker:

1. Condition of tires
2. All lights
3. Leaks in the exhaust system
4. Horn
5. Windshield wiper blades
6. Shocks
7. Turn signals
8. General body condition

If all this is in good shape you should have no trouble getting valid inspection sticker.

Till later.

EMPLOYEE COMMITTEE

There isn't a whole lot to report from the employee committee, what with vacation time, etc.

We received a check from ARA Food Services for \$91.78 for the month of May. This is up quite a bit from April, so sales are good on the vending machines. We haven't received the June check yet. Income from the pop concession has been much better the last several weeks, but still is not what it should be. Remember - pay as you go. We are still considering vending machines, but only as a last resort.

If you have any comments, please contact one of the committee members.

*Isn't it strange how big a dollar looks
in church,
and how small in a store?*

On the Other Hand . . .

I believe we have all been somehow flim-flammed by the myths of summertime. The song goes: "Summertime..and the livin' is easy..." Those words at the very least give grounds for false advertising action.

We all look forward (and back) to summertime as the most inspiring, relaxing, and generally fun part of the year. Rubbish. Children of two could tell us the truth about it, but we fill their mouths with popsicles and root beer and don't allow them to talk. Then we indoctrinate them.

Some examples of summer lunacy:

We deliberately lie in the hot sun to get a tan - the symbol of healthful time spent doing nothing useful. We also spend large amounts of money to air-condition cars, homes, factories, and bars to keep ourselves cold. The ideal American vacation would obviously be an iceberg in the South Pacific.

Pity the poor overpriced, underfinanced American automobile in the summer. First we turn off the heater just at the time of year the engine is grasping for every possible means of cooling off. Not to make things too easy, we turn on the air-conditioning. The next step is to add extra people, boats, tents, supplies, and ice chests to load things down. All that's left is the drive during the hottest part of the day to the hottest parts of the country over the hottest surfaces. When the car overheats, so do we.

We spend minor fortunes on super-deluxe-hybrid-chlorescent-green-weed-death grass seed, incredible-hyper-growth-bug-stunning fertilizer, and all sorts of equipment to apply, nurture, and raise the growth. This requires the further purchase of a 300 hp diesel lawn tractor with power take-off, ice dispenser, and retractable landing gear to keep the resulting shrubbery from attacking the neighborhood.

Or we garden. The real hard-core gardener does not grow a few vegetables to supplement the Kroger diet or give him/her a hobby. The true gardener runs a small but fanatical truck farm, so defined because a small truck is needed to keep the produce from forcing the gardener off the family plot. It is difficult to enjoy fresh tomatoes when one realizes an obligation to eat, can, sell or give away an-

other two bushels before day is done. Likewise corn, beans, turnips, eggplant and cabbage. If it were not for the finite length of the growing season the average neighborhood would not survive except as a large compost heap.

To conclude, consider the picnic. It is our way of shaking a can opener in the face of omnipotent technology. Much of our money and time have gone into isolating us from: 1) animals; 2) plants; 3) weather; and 4) hardship. We go picnicking to spend time with: 1) ants, flies, and mosquitoes; 2) poison ivy and slinging nettles; 3) hot air and rain; and 4) no electricity, running water, or flush toilets.

I rest the case. Summer does not make us happy, it makes us crazy.

You CAN make more friends in two months by becoming really interested in other people, than you can in two years by trying to get other people interested in you.

DALE CARNEGIE



"Does coming to work bother you, or is it just the long wait before you can go home?"

