

NORTHERN NEIGHBORS

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P-26

Better Health by Saving Money

PAGE 7

This War Has Already Started

PAGE 8

Super Power From New Germs

PAGE 14

Why Money Can't Buy Back Our Boom



Maybe not yet big enough to pull Santa, but this little reindeer sure is loveable. And he always insists on getting this treatment when Anna Mukhamadijeva makes the rounds at Kokchetov Animal Preserve, out in Kazakh Republic. You may enjoy report on Page-11 inside.

Victory on Venus puts USSR ahead in Space —
Page 3

NORTHERN NEIGHBORS

The Magazine of Socialism in Action

GRAVENHURST — ONTARIO — CANADA

Canada's authoritative, independent magazine, reporting the U.S.S.R. This is our 25th year publishing reliable, exclusive news of Soviet developments.

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SOMEDAY YOU'LL READ THIS ... WE HOPE!

Last month, this column ended with the words *We're hoping a Post Office strike doesn't delay this NN.*

Okay. Let's all laugh.

But by now we all realize that it isn't funny. As this is being sent to the printer **not one copy of last month's NN has left our office.**

Everything was ready to go *just about a month ago.* And then a good part of Canadian life ground to a halt ... Post Office strike.

Our Readers in USA don't realize this, but in modern civilization *the mail* plays a vital role in everyone's life. Even people who don't write letters are dependent on *the flow of mail that sustains every aspect of the economy and government.* After a month of NO MAIL we Canadians are in a position to understand this ... which is putting it mildly.

IT REALLY IS WORTH UNDERSTANDING

So far as we know, **no major country has ever before been completely cut off from its own and the world's postal services,** for any but very brief periods.

What's happened in Canada is highly significant.

Despite the use of practically every method and device in the book, *our capitalist state was unable to evade this crushing blow.*

The effect on **businesses,** large and small, is extremely bad.

The **government** itself is verging toward crisis.

Millions of **people** are suffering, especially those least able to bear any more strains added to inflation and depression.

Not one editor has drawn the obvious conclusion.

The total Post Office breakdown in Canada is a new and extremely serious symptom of **the General Crisis of Capitalism.**

FRIENDS, IT'S A LOT WORSE THAN THAT

The day the strike started, *every cent of income* for this magazine and Northern Book House was *cut off.*

All our business is done by mail. **No mail, no money.**

Our relations with Readers in USA is serious, because many of them **do not know** of our P.O. strike.

Many who sent letters and orders have had them **returned** ... how will they know when to mail again? *They won't!*

Thousands in Canada and USA who ordered books and other items, for Christmas, are **out of luck** ... we haven't received the orders, and when we do get them, how long will they be delayed in a choked Post Office?

Please bear with us and **stand by NN** in this VERY difficult time! We'll write to you soon and tell you exactly how things are.

MERRY CHRISTMAS! HAPPY NEW YEAR!

NN's QUOTE-OF-THE-MONTH: "Life shows that the writers of Asia and Africa cannot base their creative work either on outworn traditional ways of life or on the consumer society'. At a time when the arts and literature of the 'consumer society' are destroying moral norms and replacing them with 'permissiveness', progressive literature is striving to mould a genuine humanist morality in man. This literature of our time should tirelessly remind man of his grandeur, and that he is great not only in his intellect and its creations, but in the totality of all those qualities which used to be called the soul. This is the supreme task of literature and the arts. This aim makes it worth our while living and writing." (*Chinghiz Aitmatov, Soviet Central Asian author.*)

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Our "Four People Plan" ...
it really works for you!

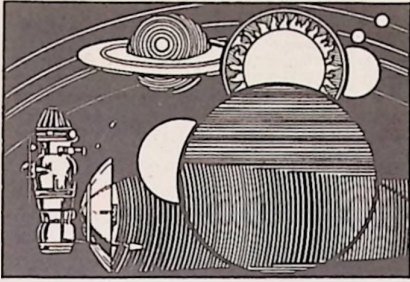


Are you the kind of person who gets pleasure out of helping others? If so, here is a **splendid way** to bring happiness and enlightenment to someone else, and a rich satisfaction to yourself.

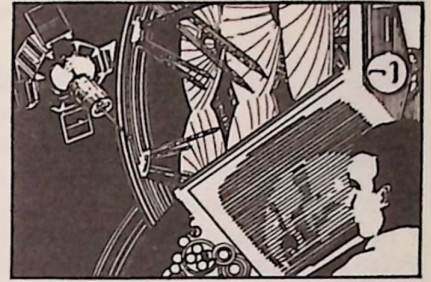
Try NN's long-proved, highly successful "**Four People Plan.**" You send us Names and Addresses of **four people** you think might like this magazine might benefit from it. Plus **one dollar only.** We'll send all four people NN. Not just once, but **three times.** If they like it, they'll subscribe!

This Plan gave **better results** in the past year than **ever before!**

Socialism moves out ahead in Space



Three months ago you read here that "from now on NN will be covering Space from where the news is going to happen . . . in USSR". But we didn't expect it to happen all that fast. Here is your first report on the remarkable Venus success.



Two Soviet space-craft, Venus-9 and Venus-10, are up there orbiting Earth's closest neighbor, 50 million miles away, after covering a flight-path of 180 million miles in some 136 days.

Both ships were constantly controlled from their base in USSR. And both launched separate landing-craft two days before they started orbiting Venus. Now, Venus-9 and Venus-10 are transmitting a flow of priceless new facts as they circle and observe the great planet from a distance of about 900 miles.

However, the most sensational feat was the landing of two other "observatories". These ships entered the dense atmosphere of Venus at a speed of 23,000 miles per hour. The "air" resistance slowed them down to 500 mph. Then super-strong parachutes opened, and instruments noted facts about the "atmosphere".

Finally, when just 30 miles above Venus' surface, the parachutes were released, and the ships came down for a soft landing, slowed by a new kind of braking-screen.

Both stations continually transmitted facts to the orbiting "mother ships". Broadcasts lasted 53 minutes to Venus 9 and 65 minutes to Venus 10. This was, perhaps, the outstanding technical achievement, since all instruments had to resist a red-hot temperature of 970 degrees (F), and an outside atmospheric pressure of 1350 pounds per square inch.

A major part in these flights, was played by radically new Soviet "quantum radio" devices, which you find described in another report in this NN.

The importance of "exploring" Venus arises from the fact that it resembles Earth in size and density; but it is a *total mystery*, since extremely dense clouds prevent any direct observations from Earth.

Previous Soviet Venus landings, when instruments survived only very short times, revealed that the planet is like an overheated greenhouse at the bottom of a sea . . . really a kind of Hell.

There is no resemblance whatever to Earth. Venus' day-and-night lasts about four months. Sun rises in the west, sets in the east, just twice a year. The year is about 31 weeks, and there are no seasons, temperatures are almost constant (fearfully hot). Even at mid-day the Sun is not visible.

The big mystery of Venus' clouds is clearing up fast. And surprisingly. The clouds start about 20 miles above the surface and reach up another 20 miles. Astronomers long thought those clouds were Earth-like, that is, made of water drops and ice crystals. But now it seems they are incredibly poisonous: sulfuric, hydrochloric and hydrofluoric acid, mixed with deadly vapors of bromine and iodine. Venus is, indeed, constantly "polluting" its atmosphere with high-temperature evaporation of chemicals and metals not found in our air.

Soviet measurements now show that a low-speed wind blows on Venus. But due to the extreme density of the "air", such motion is as violent as a fast current far down in the ocean.

What has made Venus so utterly different from Earth? Mainly the fact that it is so much closer to our Sun.

First, high temperature created vast water-clouds, which in turn sealed in solar heat, and then the planet lost still more water, so there is no "steaming jungle" on the surface, as some imagined.

Carbon dioxide, too, which is an important part of Earth's rock, has "boiled away" in Venus, into those dreadful clouds, giving the atmosphere an unbearable pressure nearly 100 times greater than here on Earth.

What was that talk about Soviet "technical inferiority"?

Earlier Venus landing-stations had little equipment. They were used as pioneer explorers, and they showed how grim a task scientists faced in making devices that could survive in the flaming-hot acid hell of Venus.

Also, those craft proved that "mother" ships would be necessary, since broadcasting direct to Earth, from the surface of Venus, would not be practical. So Venus-9 and -10 did that relaying job, using powerful radios.

One amazing feat on the latest ships is the precision of guidance. Both landing stations were put down, by automatic controls, exactly where planned, about 1400 miles apart (to get a big contrast in views).

However, Soviet designers planned that even if all went well, their equipment would be able to endure Venus conditions for 30 minutes at most. Obviously their work was good: both stations lasted nearly an hour.

In that time they sent remarkably clear photos back to Earth (via the big orbiting stations). These pictures have already upset everything "known" about Venus.

The planet is actually covered with sharp rocks, not fine dust. And as more information flows in, the true picture of Venus will be scientifically established.

The world scientific community is quietly drawing some conclusions from the newest Soviet triumph . . .

For the first time science has photos taken on the surface of another planet. *For the first time* another planet has observation stations orbiting it.

And these firsts were *repeated with great precision* by a second pair of space-craft.

And so, *for the first time* scientists have two stations "checking" each other's observations (not only facts about Venus but data on distant Space as well).

Back in 1973 the USA duplicated early Soviet flights past Venus, without attempting to go into orbit, let alone make a landing. Next year USA is due to land an observing station on Mars; unfortunately, one of the craft, on its way now, has electrical failures.

Somebody wants to discuss technical *superiority*?

Enjoy your glory while you can, Sakharov!

An Open Letter from Mary Dawson, author of "A Pinch of Salt in Siberia"

Dear Mr. Sakharov,
I hear you have been awarded the Nobel Peace Prize. Congratulations! You now have your license to spread more of your vicious slanders against your own country. Same as Solzhenitsyn did when he got his Nobel prize for literature.

Almost everyone in the West admires you because apparently you got this award in recognition of your "long, lonely struggle for human rights in the Soviet Union."

Who in his right mind would dare to say that he is AGAINST human rights? The very words make us hold our heads high with a renewed sense of human dignity. So of course it is quite right that we should honor a defender of human rights — provided that he belongs to another country, preferably a Socialist one!

All congratulations from the West

You see, Mr. Sakharov, by getting the Nobel PEACE Prize you have given capitalist countries another weapon with which to propagate the myth of "oppression" in the Soviet Union. That's why all your messages of congratulation come from capitalist countries. Your fellow countrymen won't congratulate you because they know that you are not telling the truth.

In your book *My Country And The World* you deplore the Kremlin repression of minorities. What minorities? Here in the West, when we talk about minorities, we mean racial minorities such as our native Indians and Eskimos. You can't claim that the Kremlin represses racial minorities in the Soviet Union! I visited many different racial groups in Siberia this summer and found that they all live just as well as White Russians do, and suffer no discrimination. In fact, they aren't even "minorities", but thriving in huge numbers throughout the Soviet Union.

Violation of human rights here

Our native Indians ARE a minority group because we killed millions of them and are leaving the rest to slowly die out from want and deprivation. There are a few staunch White men here fighting for human rights for our Indians, but they don't get Nobel prizes because the West will not admit to any violations of human rights in Capitalist countries.

Don't bother writing to Solzhenitsyn to find out if this is true, because he won't be able to answer you.

He is a millionaire living in luxury and closing his eyes to the plight of our minority groups.

If he were to fight on their behalf, he would be silenced here — perhaps thrown out — and then where would he go? The Soviet Union doesn't want him back.

I read also where you deplore the "backwardness" of the Soviet Union because you don't have nice apartments with all the modern gadgets that we have, and because your meat isn't as good. Yes, I visited several apartments in Moscow, and I agree they are not as modern as ours. Perhaps one day you will come here for a visit, and then I'll show you how some of our minority groups live.

Not dissidents here, but Indians

You've never seen the little one-room tin shacks that house a whole family of destitute Indians, have you? They are not living there because they are dissidents, but because they are Indians.

And don't worry about that piece of tough meat on your plate! It will help sharpen your teeth so that you can continue to bite the hand that feeds you. It may not be as tender as juicy sirloin steak, but very few of us can still afford to buy steak anymore. And your meat does NOT contain mercury to poison you, like the fish that our Indians are still eating because THERE'S NOTHING ELSE TO EAT.

So when you talk about the "human rights of minorities" you must be referring to your own little band of shit-disturbers.

Come where there's a real fight

Yes, I use the term deliberately. Even in the West, people have come to recognize that most of what Solzhenitsyn told us was untrue, and he is losing his following rapidly.

So enjoy your moment of glory while you can, Mr. Sakharov, because THE TRUTH WILL OUT!

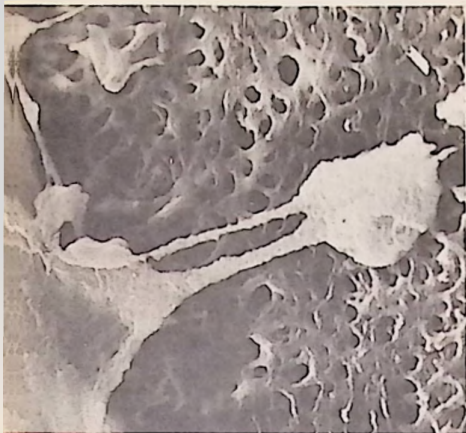
One more thing. If you think you would be free to speak out here in the West, remember you will only be free to speak AGAINST the Soviet Union. Solzhenitsyn is finding that out now and so have I. That's why this letter will never be printed in a capitalist newspaper.

But if you really want to fight for human rights, come on over here where there's a REAL fight, but I'm afraid I can't promise you a big welcome from the Press.

Yours sincerely,

Mary Dawson.

Do cells inside us THINK, DECIDE?



If you like science news that lets your imagination run free, this is for you. Biologists are face to face with a situation nobody dreamed of (before certain Soviet discoveries you've seen reported here in recent years). In a word: microscopic living cells seem to have *powers, even "abilities"*, formerly thought to exist only in animal nervous systems and brains. A revolutionary finding that makes a good subject for friendly discussion.



For a long time science has known that we humans can smell and taste because cells in the nose and mouth react in certain ways to complex chemicals in food, air.

Some time ago biologists became aware of similar things going on in the *simplest, single-cell organisms*. They, too, react when they "meet" certain molecules (chemicals), and what they do can be **very important**.

For example: cells in your blood, on meeting a *disease germ*, instantly "recognize" it as a foreign thing, and take immediate action to produce complex proteins that can destroy the invader . . . "immunity" to disease.

Researchers are still only groping to find *one* answer: how do cells **recognize** other cells and molecules?

More baffling: some cells release a *chemical of their own*, and when other cells (same kind) recognize it, they **take action**. In some cases they act to **group together and start moving** as a primitive organism.

How come? No nervous system. No brain. *What tells them* to react in surprising, complex ways?

Lately biologists found that cells can recognize some chemicals, and remain indifferent . . . *but any change in the amount of chemical* will set them moving.

Maybe this sounds dull, but not when you realize that it has to be going on *everywhere inside you right now*, especially in your blood stream, where lymphocyte cells are on 24-hour patrol against lethal germs, viruses, and countless other would-be killers.

When cells inside you *fail* to recognize and attack the enemy . . . you've got an asthma attack, or measles, or the 'flu, or, worst of all, *cancer*.

And the opposite situation: your doctor prescribes a drug (chemical), and *if it's right for what you've got* then millions of cells will spot it, react fast, *your symptoms of illness start to disappear*.

About 10 years ago Soviet researchers brought into the picture a very disturbing discovery. They found that cells don't always have to *contact* molecules or other cells, they can *communicate* by radiation (waves).

You'll recall reading in NN of the Soviet discovery that disease-stricken cells can *transmit their illness* to healthy cells **without any physical contact**.

For a moment think of the way our complicated bodies form, from the instant of conception in the womb. Our usual picture is that cells divide, multiply, and are "directed" by hereditary influences, so that some cells form nerves, bones, intestine, liver, limbs, etc.

But now it is known that cells, **outside the body**, in mixtures, *recognize each other*, group together, try to develop just as they do in the complete embryo.

In fact, the "behaviour" of cells is so complicated that scientists realize that *we don't know what goes on*. We do know that cells will strongly **attach** themselves to certain other cells; or **move away** rapidly; or join together and move in complex ways as **groups**.

What are we to make of this "behaviour"?

Long ago, science-fiction writers imagined that inside us might exist real "microscopic worlds", just as our world exists *inside* the gigantic Universe. Well? What are we to say about *the world of cells*?

Of course, a blood-stream cell or a liver cell is not very close to our concept of *a living thing*.

So look at our **brain**.

Inside your brain there are about 100,000 *million* nerve cells. Each one is directly in contact with 10,000 other cells. What those cells do when they *communicate* with each other could be the **very central secret** of our intelligence, our **thoughts, our emotions**.

And on top of that you must face the reaction of our brain cells to *molecules that reach them in the blood-stream* . . . oxygen, food, hormones, vitamins, poisons.

Never mind the picture we have our entire body, the total organism. Right down at *the microscopic level* vital "decisions" are made **by cells**.

And not "on their own". Apparently cells *communicate* in ways so complex that science hasn't even begun to listen in. Already, it seems clear that nerve cells, for example, take action as a result of a *total picture they have* of the "situation" around them.

They get the information by contact and by radiation. But how do they "think" about what they receive, and how do they "decide" what action to take?

You don't have to be a biologist to realize that the answers to these scientific riddles are going to give us immense new powers for influencing life.

And for influencing **our minds**.

There's tragic evidence of that, *already*. It has just been confirmed that *certain food deficiencies*, in early childhood, produce lasting (lifelong) changes in vital cells, so that even if a child later on does get good food **the affected cells will never behave normally**.

But when we can find out how those cells are affected, surely they could be **restored** to normality?

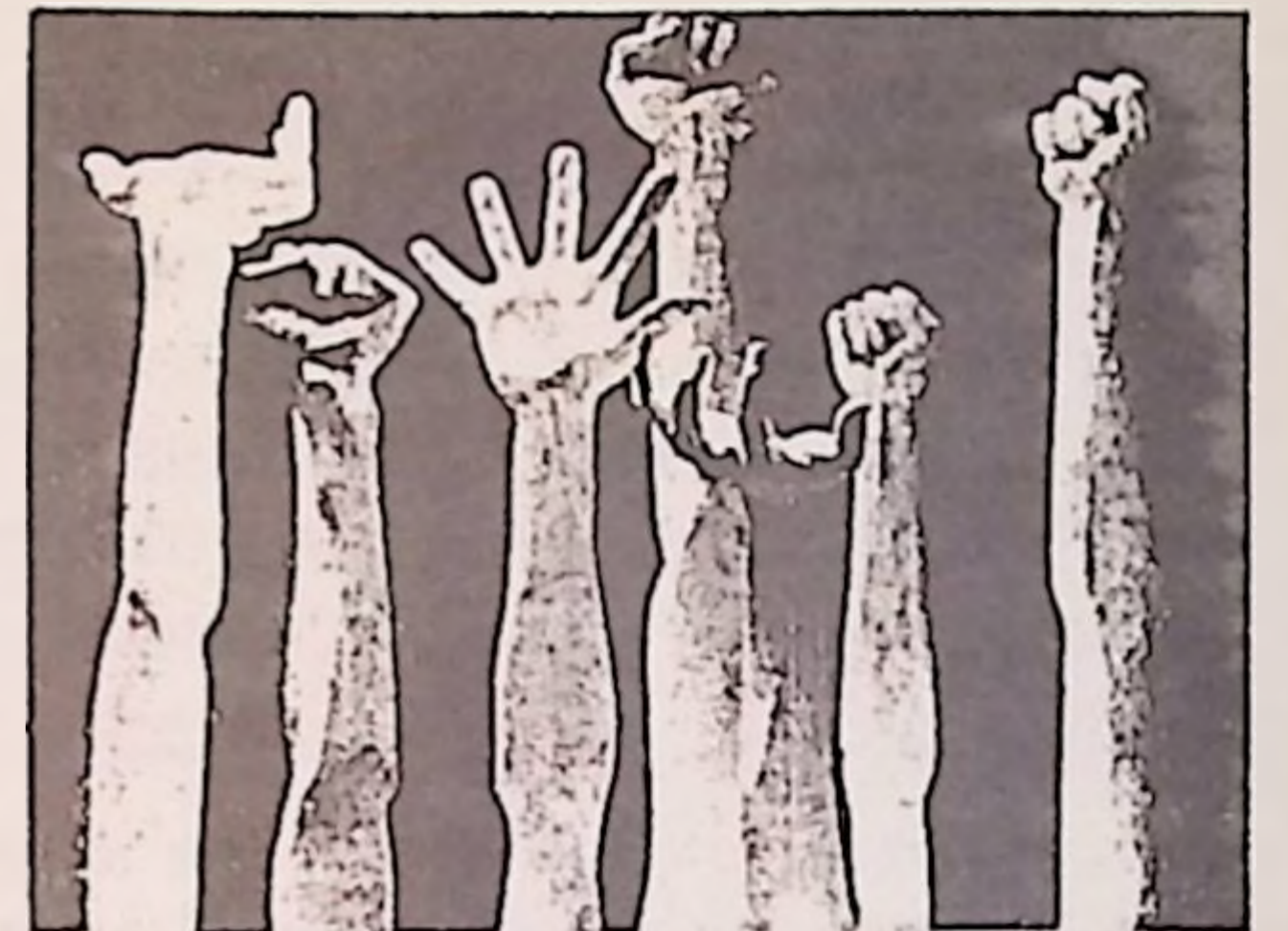
Trouble is, today *we don't know*. We don't know so much that one biologist, at a convention, said he "feels like packing up and going away from it all".

They won't go away. They'll redouble their efforts. All the signs point to a revolutionary break-through coming in our knowledge of life's innermost secrets.

Now starting: World Class Warfare



Back in September '74 you saw here in NN a report on *our affluence* and its effect on *starving lands*. In the past 15 months a lot has happened. Over 100 undeveloped nations are lining up now **against the rich and powerful countries of Capitalism**. The West is fighting back. It's war.



No doubt you saw gleeful reports in the papers, quoting USA's Patrick Moynihan in the UN. A new tough spokesman, telling off those backward Third World types.

But soon *U.S. News* (Oct. 6) admitted: "Mr. Moynihan is fast changing the image he had earlier, of being pugnacious . . . not living up to advance billing . . ."

When he did burst out again, calling Amin of Uganda "a racist murderer", Adjibade of Dahomey hit back where it hurts, asking if Moynihan "represents Zionism in the United Nations rather than the United States."

Words, words? Yes, but behind the verbal fighting you find hard, cold, *economic facts*.

— In 15 years the West has shot up prices of things it sells to poor nations by no less than 350 percent.

— The higher price paid for oil, by the West, is no big deal for the rest of the world.

— But now that world, *the great majority of mankind*, is boosting the prices charged for dozens of **valuable resources**, other than oil.

— Meat, edible (vegetable, animal) oils and fats, coffee and tea, aluminum, iron, timber, cocoa, fish . . .

— For many a year Capitalism extracted these valuable commodities the way it seized oil, **literally robbing the world's poorest peoples**, and in that way creating the "advanced" economy we know as *affluence*.

— Like with peanuts: the barefoot farmer who grows them maybe gets \$20 a month when times are good, and over here the store-clerk who sells peanuts *gets ten times more every week* . . . and everybody can afford peanuts!

But the times they are a-changin'.

Don't expect cheap peanuts much longer. Note what is happening to your coffee. Bought any chocolates lately?

What's really changing?

The impoverished countries, *making favorable economic deals with the Socialist world*, are becoming determined to **fight back against exploitation by Capitalism**.

It's a very tough struggle. Because inflation raises the prices of everything Capitalism sells . . . while the current economic depression is given as an excuse to pay lower prices for purchases on the world market.

Nearly 100 countries are now joining in a demand for a **radically new world trade system**.

"Why?" demanded Henry Kissinger. "Why a new international order? *The existing one has served us so well.*"

President Perez of Venezuela answered that insolent crack. "The truth is," he said, "that we are called 'producing countries' not so much to appreciate our contributions to the wealth of the world, *but rather to exclude us from being consumers.*"

A few examples will show you how they feel.

• People of Venezuela were paid less than two million dollars, by USA companies, for iron that finally sold for well over 20 billion dollars.

• And those same firms had grabbed an iron ore reserve holding a thousand million tons . . . just now taken back from them.

• USA is draining "backward" countries by taking out their educated people: a doctor is worth \$500,000 to USA, an engineer nearly as much . . . *four billion dollars profit per year* comes from this Brain Trade, far greater than the frightful Slave Trade of the past.

• Biggest drug corporations of West are dumping vast quantities of deadly medicines, *now banned over here*, in undeveloped countries, where lack of medical care drives people to try any remedy . . . and the companies push their death-pills without any advertising restraints.

As Kissinger says, **the system serves us well**. Let them produce, we'll do the consuming. How much longer?

Signs that things are changing you see every time our prices rise a notch higher.

— The increase in world oil prices brought about *the biggest shift in wealth* in all the history of Capitalism.

— But besides oil, now other raw materials *average a rise of 140 percent* just in the past year.

— We'll be paying much more for most things we consume, and thus *consuming much less*, as the war hots up.

— The World Class War is the result of far-reaching *changes in political power*; the *decline of Capitalism*; and the *rising influence of Socialism*.

— The worst is yet to come, as USA suddenly faces up to threatening *shortages of new key materials* like cobalt, chromium, titanium, manganese, niobium, strontium, tantalum, tin, platinum, bismuth . . .

Now **another grim front** has opened: *our depression*.

All major Western countries are *stepping up inflation* in a desperate effort to create jobs. This worsens still more the weak "buying power" of poorer countries. But that is developing into *a calamity for the West* . . . loss of enormous markets just at a time *when we're not able to buy right here at home*.

You might call it ironic? Fighting depression, the world of Capitalism finds *its own weapons turning against it*, threatening to bring on a spiralling crisis.

And how is the battle going at the moment?

• Things are grim in the Third World, where poverty is *steadily worsening* for far more than half of humanity.

• But with *nothing to lose*, they're fighting with all they have, realizing that *Capitalism cannot continue to enforce those world economic relations "which served us so well."*

• Those 100 lands opposing the West have Socialism as a powerful ally, in the struggle to create a **new world system that will share goods and life itself more fairly**.

For centuries, our missionaries preached goodness, charity, neighborly love, justice, and so on and so on.

But *sharing? Or giving back?* Will we do it?



This is Helwan, in Egypt, a whole city built around a steel plant. Already in production, it fully meets the needs of Egypt's growing industries. But today it is being expanded to a capacity of 1,500,000 tons yearly.



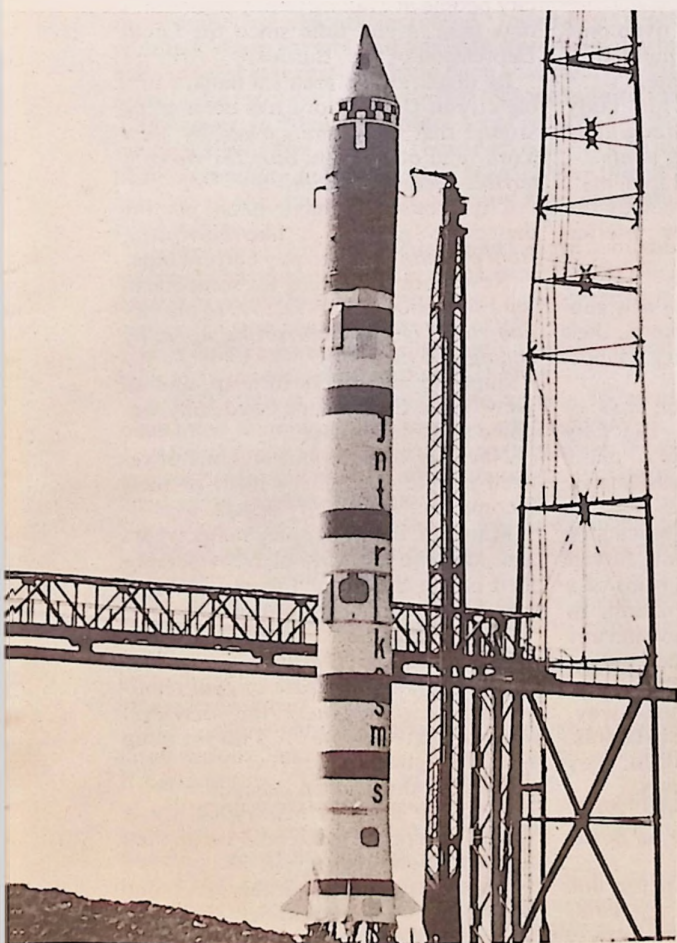
We're in Tunis. Back in 1968 the USSR built Tunisia's National Technical Institute. But many specialists stayed on to teach (country is very short of experts), and now 53 of the professors are Soviet. Not only that, but best students complete studies with on-job work in the USSR.

Helping Hands

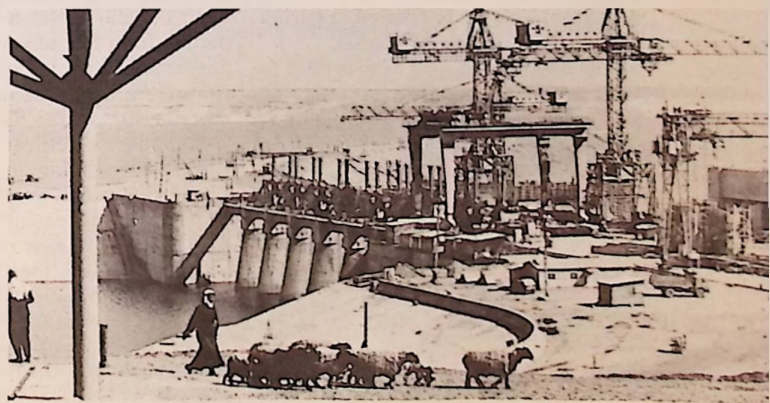
Sixty developing countries are building 2,900 enterprises with aid from the lands of Socialism. Here are a few projects under way now with the help of Soviet experts and finances.



In Tripoli, Libyan Arab Republic capital, Doctors N. Shpanko and A. Borodin are pediatricians. Lack of medical personnel is chronic through the entire "third world". To date, the USSR has set up no less than 140 educational centers for training specialists. Besides, many thousands of foreign students take complete college education in Soviet universities, all at no charge.



Yes, it's a Soviet rocket, but can you read the word on its side? Spells "Aryabhata". Name of famed Indian astronomer. The Aryabhata is out there in orbit now, transmitting to Indian scientists . . . first space-craft their country made, though it was powered by USSR.



This is one of the world's major projects: giant dam on the ancient Euphrates River in Syria. It has generated power since May '74 but still has a long way to go to completion. When finished it will deliver 600,000 KW of power and irrigate 1,500,000 acres of desert land.

Cities go Begging

On the eve of celebrating the USA's 200th Anniversary, the nation's greatest, most famous city, New York, finds itself humiliated in the role of beggar. New York is not only broke. It is sick. And dozens more USA cities are similarly afflicted. What went wrong with the American Dream of the Golden Big City?



"In all the years I've visited New York," an NN Reader tells us, "I've never seen anything like it."

Miles of streets piled with garbage. Nightmare buildings ... burned-out shells abandoned by owners. Pavements so bad you can't drive 20 miles an hour in some districts. Big highways shut off, too dangerous, no repairs.

Tourists are warned at their hotels not to get out after dark. Recent report counts more than 310 large gangs, tens of thousands of gangsters, armed with military weapons.

And in that situation, New York has fired thousands of policemen! And firemen. And teachers, professors, garbage-collectors, hospital staffers.

The reason for this tragic decay of Capitalism's Capital, the City of Wall Street, is only too painfully known. *New York is bankrupt.*

Victim of "buy now, pay later" economics, that grim malady of planners who promised us Affluence Forever.

- New York City has been spending 12 billion dollars a year.

- But income was less than 11 billions, so this year the city was short about 890 million dollars.

- Worse: billions borrowed in earlier years are now due to be repaid.

- The total sum owing now is hard to believe — \$7,000,000,000.

One reason New York is begging is because millions of its citizens are so poor they must get money and services to stay alive, at the rate of 40 million dollars *per week!*

And New York isn't alone. Says *U.S. News* (Apr. 7 '75): "The downward slide of America's cities — and not only the oldest and biggest ones — is accelerating again."

No wonder. Those cities today spend 15 percent of the USA's entire gross national product. But their spending has grown twice as fast as the USA's economy (even in good times).

For years Capitalism's richest cities did it all by raising taxes. Suddenly they

faced the fact that *you can't tax citizens who have no jobs.*

Consider San Francisco. There, 23 percent (almost one person in four) are so poor they must get city support.

But "the downward slide" is not measured merely in money.

- Whole districts in USA cities are "ghettos" of desperately poor families, by no means always Black.

- City schools can hardly overcome illiteracy, for the children of millions of poor parents, let alone educate.

- Long streets are lined with "body rub parlors" (brothels), pornography shops and theatres, gambling joints.

- Large "housing developments" are being **torn down**, abandoned by the poor who could no longer tolerate crime, drugs, violence.

Along with this, properous citizens and business have fled to the new suburbs, along with their workers, their taxes lost to the desperate city finance-planners.

Some authorities view the *loss of people* as the worst of all Big City tragedies in USA. Incredibly, many cities have *fewer citizens now than they had back 50 years ago!*

Think of that half-century. Not a long span of years. But in that time Soviet people **built Socialism** on the ruins of a desperately poor capitalist nation, in ruins from war. **And you cannot find any "city crisis" in the Soviet Union today.**

Socialism's cities are clean. No slums. Expanding in a planned way. Free from crime. World's best schools. Population increasing ... indeed, they set up 10 or 12 new cities yearly.

And business-men from the West, visiting USSR, discover that **no Soviet city owes anyone a dollar.**

And no citizens pay any taxes into city treasuries. On the contrary, *cities pay the people billions*, in the form of low cost transport and heavily subsidized housing.

But then ... no Soviet city has any unemployed. In Detroit, one in five workers are jobless. As depression in

USA won't go away, big cities cut payrolls and services.

Libraries shut. And art galleries. And clinics. And sports clubs.

More of same to come: because more city people are failing to pay their taxes now than at any time since the Great Depression of the 'thirties.

Be thankful you aren't a banker in a big city in USA. Word has been going around that the billions owed by New York (and others) are *only the tip of a terrible iceberg of debt.*

City treasurers have been playing dangerous games ... like *borrowing from pension funds* to pay current bills.

New York is pleading for someone to lend six billion dollars fast ... *so the city can start big-scale borrowing again by selling people bonds!*

Suppose no lenders turn up, and all New York City's bonds suddenly become worthless paper?

Not only bankers but millions of retired people depend for most of their income on "solid" city bonds.

Many of those people, many years ago, saw the Big City of USA personified in the Statue of Liberty, with its wonderful words of promise ...

"Give me your tired, your poor, your huddled masses yearning to breathe free, the wretched refuse of your teeming shore ... Send these, the homeless, tempest-tossed to me ... I lift my lamp beside the golden door!"

Alas for that golden dream.

By a sad irony of history, all those words except the last could be applied today to New York itself.

And what is the plight that has fallen on the USA's great citadel? This you will not find even if you search through a thousand articles on the Big City crisis.

Cities are the headquarters of the system over which they rule, and it is the General Crisis of Capitalism, USA, that is ruining them.



Twenty-Two Million Friends of Nature

Although USSR is only now setting up "national parks" similar to ours, they've long been ahead of us in the *total protection* of nature: they have more than 100 national reservations, 37 million acres in all.

Many of those large areas attract tourists. Over the years, the number of visitors increased. Inevitably, a point was reached where forests and wild-life were being harmed. Result: several reservations have been *shut tight*, and in others most of the territory is reserved for biologists doing research.

However, in Socialism nature is not regarded as something which exists "for itself". Their universal slogan is *All for Man, everything for the good of Man!* Today they are applying that to the development of a new kind of national park-reservation.

Before we look at them, you should keep in mind that Soviet scientists have one emphatic agreement: it's *for the good of Man* that nature in many places must be *kept free from human beings*. In true reservations . . .

- Whole regions are "inhabited" only by foresters and biologists tending plant and animal life.

- This "No Admittance!" rule applies to areas where plants and animals of rare species are being saved, bred.

- Small creatures like the desman (a beaver), large animals such as bison, and many kinds of almost-extinct birds are now thriving in Soviet reservations.

- Some, like Belevzhskaya (in Byelorussia) and As-trakhan (mouth of Volga) are world famed for their protection of animals and water-fowl.

As you'll see, in a way Soviet people have tackled the problem of nature by methods *opposite* to ours. First, they made reservations work. **Only now** are they moving to admit large numbers of tourists into areas where people can enjoy *unspoiled nature*.

Many of the national parks of Canada and USA have suffered serious damage from invasion by armies of vacationers. It certainly won't happen in Socialism . . .

— Vacation parks will be established in places that are **most enjoyable** for people; but **not** in areas where any living things are endangered by humans.

— From Lake Baikal to the mountains of Tajikistan to the forests of Karelia, they'll have parks-for-people **right next door** to nature reservations, but the latter will be strictly *out-of-bounds*.

— That way nature will be "all for the good of Man", with no violation of **what's essential for nature**.

Of course, in a land the size of the USSR they have room for a wide variety of nature-recreation centers.

One kind of holiday park, very popular over there, gives you a combination of *nature-and-history*. Like the big one at Lahemaa in Estonia. It's over 100,000 acres, with its own "cape" out into the sea, and rivers, lakes, dense forests . . . plus many fascinating things of the past.

Actually, Lahemaa is *zoned* into five areas, ranging from places to camp and eat to huge expanses of *protected* woods-and-waters, where people can enter only along specified trails.

Newer parks (millions of acres in size) in the Urals and up near the Arctic Circle will operate on similar principles; but they will be so huge that they can accommodate 30,000 tourists at once, with no possible damage to protected natural zones.

Problems? Plenty of them. Like in the Caucasian State Nature Park, threatened by two automobile highways. Many outstanding scientists protested, and got the Young Communist League to back them . . . certain rare mountain animals and plants were threatened, including the exquisite Caucasian chamois.

As this is written the issue isn't yet settled. But the "defense" is powerful: no less than the *Society for Nature Protection*, set up by Lenin himself in 1924.

In the Russian Republic alone this Society now has a membership of *twenty-two million people!*

They belong to some 150,000 clubs. In addition, the Society in recent years has signed up 50,000 industrial plants and big Co-op and State Farms.

Last year the Society mobilized more than 150,000 members to systematically check on how the country was obeying the new law "For Protection of Nature".

Soviet people are *by no means satisfied*, but they do feel optimistic because of *what they've already done*.

— In the North, the magnificent reindeer has increased to a total "herd" of 750,000 animals.

— Thousands of Polar bears and Brown bears are free from the fear of extinction now, all the way from the Pole into southern forests of the USSR.

— No less than 700,000 moose (elk) are counted today, and 2,000 aurochs (once vanishing type of buffalo).

— Rare saigas and sables, after 40 years of extremely tight "security" measures, are now widely spreading.

And nature is *moving to people*, in Socialism. At present planting rates, by the year 2000 Soviet cities will be surrounded by **50 million acres of forests!**

Their Friends of Nature are setting up People's Nature Universities, Children's Forest Academies, Houses of Nature. All for the good of Man *and his Earth*.

Defeating Death with the Breath of Life

We're richer than the USSR, but they have the biggest and best new life-saver.

The world's largest and finest *Baro-Hospital*, for saving lives and restoring health, has opened in Moscow: "The USSR Center for Hyperbaric Oxygenation".

Based on the principle of treating *oxygen deficiency* by placing patients in **pressure-chambers** containing oxygen gas instead of ordinary air. This hyperbaric method is not new; it is used in a few hospitals over here; but the Soviet Center is a very advanced hospital.

Lack of sufficient oxygen causes many problems: from weak physical and mental abilities to heart failure and fatal injuries within the brain . . . death. Formerly, doctors would give patients oxygen gas to breathe, hoping that would put more life-saving oxygen into the blood's red corpuscles (cells that carry oxygen). That rarely happens, however — oxygen in body tissues is not increased.

Then it was discovered that *increasing oxygen pressure over the entire body* (including breathed oxygen) has a very different effect: extra oxygen dissolves directly in the plasma (liquid) of the bloodstream, and this quickly increases the uptake of oxygen in all body tissues which may be starved for it.

Even raising oxygen pressure by 15 to 30 pounds per square inch dramatically improves oxygenation.

You should also note that oxygen deficiency is serious not only for heart and brain, but is found in many cases of poisoning, ulcers, certain infections. In many *emergency* situations doctors can save lives by getting oxygen quickly to tissues and organs requiring it.

The USSR Center for Hyperbaric Oxygenation is a large building, quite unlike familiar hospitals. Its main "operating rooms" (shown in photo above) are actually six big steel pressure-chambers, large enough for surgeons, other specialists, and complete operating-room equipment.

There are three different types of chambers: one is especially equipped for emergency life-saving (after grave accidents, strokes, poisoning, etc.); another is for carrying out planned operations (mainly on the heart); the third is for research experiments.

The regular chambers can work at pressures of 15 up to 60 pounds per square inch; the experiments chambers will handle 100 pounds pressure and more.

Naval engineers played an important part in designing the equipment, since the chambers resemble the many pressure-compartments in modern submarines. Patients, doctors and equipment must be readily admissible, and removable, and this is done through pressure-tight doors. Electric power, air, oxygen, anesthetic gases, etc., are supplied through submarine-type connections.

Incidentally, the term *Hyperbaric Oxygenation* means simply oxygen supply at higher-than-normal pressures. But the equipment is unique because surgeons are assisted at every step by *medical engineers*.

Actually, this strange hospital is a combination of advanced clinic plus industrial plant. It is equipped with powerful gas-compressors, refrigerators, heaters, temperature-regulating devices, gas supply units for air, oxygen, nitrogen, carbon dioxide, nitrous oxide, water vapor, etc. Over-all air-conditioning machines maintain carefully regulated temperature and humidity throughout the entire hospital.

The opening of this remarkable center was itself a unique event: the first operation was performed by no less than the USSR Minister of Health, famed surgeon Dr. Boris Petrovsky. This noted medical scientist is given much credit for the advanced state of medicine in the world's leading Socialist country.

Dr. Petrovsky operated on Anna Donskaya, 36-year-old woman, for 15 years a victim of chronic (recurrent) rheumatic fever, which left her with a serious defect of the heart's mitral valve. That problem is, today, cureable by operation, but in *some patients* to operate is to run a grave risk of sudden death due to temporary heart failure and then permanent brain damage.

No problems of that kind in the hyperbaric chamber. Ms. Donskaya's heart was quickly repaired. Next day she could sit up. And the next day she was walking.

The USSR leads in hyperbaric oxygenation. Besides large pressure-chambers (used in many Soviet cities) they also use smaller devices: for patient only, or patient and one doctor. Now in production is the "Irtysh" inflatable chamber, being installed in special emergency ambulances used for life-saving.

NN Readers will be glad to know that *oxygen drinks* are ever more widely used in USSR. Principles and practical use of such health-restoring beverages are given in our Report No. 839: *Drink New Oxygen Tonic for Health*, available from Northern Book House at 15 cents.





Not a teacher. Or, maybe she is? She's a famous woman in U.S.S.R., Valentina Pletnyova. Renowned because she is one of the most advanced weavers in the giant Soviet textile industry. She goes to schools, meets with the children, tells them what it's like to live and work in modern Socialist plants. They get ideas.



Probably all these youngsters will soon be driving cars or trucks. What goes on here, though, isn't a driving lesson. Auto engineer Veniamin Nikolayev gives a course in the whole thing: automobile mechanisms and design, right on through the tough problems of modern traffic. They don't have cars now, but they'll be ready for them.

SCHOOLS FOR LIVING

It's true, Soviet schools pay much more attention than ours do, to serious learning. That comes from their system, Socialism, which Marx called "The Kingdom of Labor". The ruling class is the working class. So school is where you prepare for your life's work.

But if you see only that, you may miss the big thing. Soviet people take children seriously. Regard them as citizens. The future will be in their hands. So, in school, in the process of learning their boys and girls are actually living.

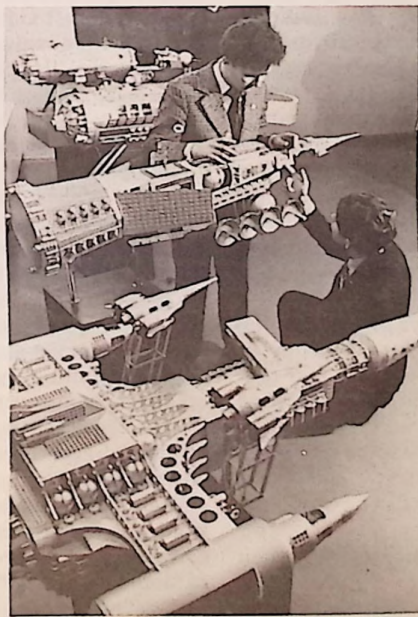
We asked our photographer to get us a few pictures of Soviet school children living for real.



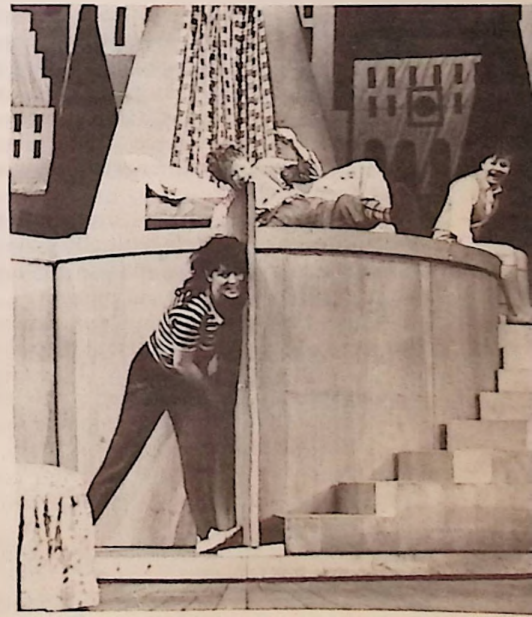
This is for serious for millions of young Soviet school children: the big character, Gena the Crocodile, has this problem about making and keeping friends. Well, the cartoon film, by Kochanov, is a smash hit over there. Not just with the little ones. In fact, we're told that an awful lot of parents love Gena, who learns to live.



Painting in school is fun. Our psychologists know a lot about using drawings to "solve problems", but in Soviet schools they're more positive . . . drawing is part of living, can tell you a lot about life, too.



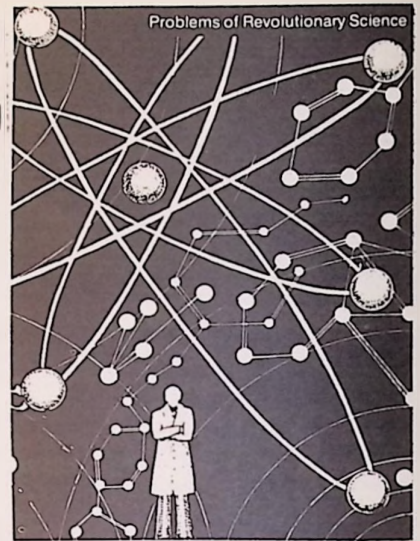
Oleg Polyakov and Vyasheslav Linnikov, like millions of Soviet students, are that way about Space. But some of their ideas could be important . . . maybe they will take off themselves, soon?



In this Gaidar Youth Theatre kids from 10 to 18 study the stage, write plays, direct them, and act. They are living the world of drama for sure, and for some it will be all their lives from now on.



endless free power from SUN plus GERMS



For over 100 years scientists have hunted for a system to *take power* from our Sun. And *store it* for use on sun-less days. And *transform it* into some kind of energy we can use in homes, factories, vehicles. Not much success. **Until now.** In several countries, notably USSR, an amazing way to use our Sun's energy is **fast being perfected.**

If you like your science news *in pill form*, here is the essence of the new Power-from-the-Sun discovery . . .

- Special kinds of **bacteria** are stimulated with a super powerful enzyme (*Hydrogenase*).
- Exposed to Sun's rays, the germs **decompose water** to give **hydrogen** (and oxygen).
- Hydrogen can be liquified to give an **excellent fuel**, already used to drive the biggest space-rockets.

However, this information-capsule can't do much more than excite your curiosity. Especially when you learn that *hydrogen fuel produced by germs from solar power* looks like a development that will **revolutionize our lives.**

So, here follows your NN briefing on this news . . .

Hydrogen is **already** made from water, in many ways. You can get it by breaking up water with an electric current. By "cracking" water in furnaces or atomic reactors. All in use today but *too expensive.*

Scientists in a number of countries (as in USSR's famed Photo-Synthesis Institute and Moscow U's Biology-Chemistry Department) are now working on **photo-hydrogen**: hydrogen obtained from water **by using the Sun's energy.**

This idea arose only 3 or 4 years ago. At first it seemed interesting but not practical; because the many plants which use solar energy to produce "fuel" (like the wood of a tree) could hardly supply the enormous quantities of power our world needs today.

Then it happened . . . new kinds of microscopic organisms (bacteria, germs) which naturally have the power to **take power from the sun's rays** and use it to **break up water** into its two elements, hydrogen and oxygen.

And not only new "germs" but new ways of speeding up their growth, increasing their ability to *absorb power from the sun.* A Soviet group under Dr. Ivan Gogotov has had outstanding success in producing a **new form** of the enzyme hydrogenase: now it lasts for months (instead of hours) and works well at high temperatures. Very cheap to produce, hydrogenase works better than the costliest "catalysts" made from platinum. And, very important, it can be produced in **any quantity.**

It's probably going to be needed. You can see why when you think over this fact . . .

A sunny area of our country, **just 10 square miles** of it, could produce enough hydrogen to give us **more power than we get from all our power stations today!**

Yes, 1000 square miles (of desert) could power the whole modern world . . . using Sun plus Germs.

Perhaps you are getting impatient. If we do get the Sun to give us hydrogen, *what do we do with that?*

To answer that one you need quite a lot of facts.

— Hydrogen is easy to liquefy; then it is a **concentrated fuel** that is much cheaper to "transport" (pipelines) than electricity is (over transmission lines).

— Used as **aircraft fuel**, hydrogen will multiply a plane's carrying power **three times** (compared to petroleum), because it is so much lighter (for equivalent power).

— It's all **practical** because hydrogen is **used now** on a very big scale in space craft (and weapons), so early problems have been solved.

— Liquid hydrogen can easily **drive cars, trucks, buses, trains, ships, tractors**, as well as aircraft.

— However, in smaller vehicles it now seems more practical to use hydrogen **not** as a liquid fuel, but as fuel for a "power cell": gives electricity to drive the wheels.

— You can even pump hydrogen into magnesium, to get a "hydride" . . . which in turn will power the vehicle.

Some people fear that hydrogen would be *very dangerous*; they remember German dirigibles blown to bits when hydrogen in them caught fire. Liquid (fuel) hydrogen is a **lot safer than gasoline.** If spilled, it evaporates fast. If it catches fire, there is **no smoke or poisonous fumes** and the fire is easy to put out.

So liquid hydrogen is ideal for **heating homes and industrial buildings.**

Now stand back for three really **big** advantages.

- Sun-plus-Germs will produce not only hydrogen but also **oxygen**, the life-giver, which is highly effective in **cleaning up the worst pollution** (like sewage).

- And when you use up (burn) hydrogen, in any way, you get **absolutely no polluting exhaust**; in fact **what you do get for exhaust is purest water**; some engineers think the *water by-product* would be worth as much as hydrogen fuel, in vast areas where water is scarce now.

- But check that no-pollution factor again: hydrogen powered cars (already tried) actually produce **purer exhaust than the city air they take in to burn!**

There is a fourth big advantage also. To "change-over" from burning gasoline, diesel oil, gas or coal, to liquid hydrogen fuel, *is no big problem.* We wouldn't have to scrap billions of dollars worth of vehicles and industrial equipment and furnaces.

Finally, if you want to keep the picture straight, you should think not about hydrogen but about **the Sun.**

The new power system is actually **solar power.** And that is waiting for us in *infinite abundance.*

Just 10 years ago nobody dreamed that *man-bred germs* could be teamed with the Sun to give us power forever.



If there is hope ... it is here

Hundreds of millions of hungry, illiterate, sick people — *the majority of mankind* — live almost with no hope that they can ever break free from their perpetual curses of ignorance, poverty, mal-nutrition.



When your editor was last in USSR he witnessed the 50th anniversary of the **re-birth of the Kirghiz people**. Liberated by Socialism, they had to rise from dreadful backwardness, into our 20th century, in a single generation. **They made it**. Kirghizians are Central Asians. Their resemblance to our Native peoples is striking. It is impossible to see their splendid lives today without suffering real pain as you compare them to the stricken peoples of our Earth. *Kirghizia is a vision of humanity's future.*

Immediately after the Socialist Revolution, Lenin gave top priority to *liberating all backward peoples from their age-old oppression, inferiority.*

Kirghizians today are proud that in the very earliest years of Socialism they produced great fighters such as Tabaldy Zhukeyev and Mikhail Frunze . . . the latter's name is borne by the country's capital city now.

But individuals had to raise *masses* of people. Raise them from the darkness of *total ignorance* . . . Kirghizians did not even have an alphabet for school primers!

Especially hard was the struggle to *liberate women* from the cruel prison of religious fanaticism. How many Central Asian girls were put to death in the name of God for daring to stand as equals of men!

Communists were too few in Kirghizia to work in an organized way until 1925. Significantly, their first conference followed the formation of the *first Kirghiz nation in all history*, though these people date far back into antiquity.

With the Communist Party came some of the finest working men and women of Russia, Ukraine, and other Soviet nations. It was their task to show primitive farmers and homeless nomad cattle-herders *how to work and produce and live* thousands of years ahead of their past. These teachers-of-the-future *made liberation their life's work*. And not in vain.

Typical of countless true stories was the tragedy of a teacher in a remote hamlet, high in the Tien Shan Mountains. He forgot the arithmetic rules for dividing numbers. So he rode horseback 175 miles to the capital, studied intensely, hurried back to re-open his school. But on the way, enemies of the future killed him.

Kirghizians young and old were inspired by such people. In their country today you see the answer to endless fabrications spread by our newspapers. The bitter "national question" — tearing at the throat of the United Nations now — was settled forever in Socialism . . . by the *Leninist friendship of peoples* who together created the new world destined to replace Capitalism.

In Kirghizia, where people had lived since time immemorial in conditions we can hardly imagine, Socialism did not merely offer hope but *actually transformed human hopes into living reality.*

From the very start of the new system Kirghizians created **their own nation along with all other Soviet nationalities**. This was not "a flag and an anthem" but a prospering way of life *which is the hope of all the world's hopeless today.*

The meaning of **Soviet nationality** became strikingly apparent during World War Two.

Kirghizians number just over three millions. But 43,000 of their officers and men won battle honors in the war. Indeed,

the legendary *Panfilov Division*, standing before Moscow, was immortalised by the feat of 28 surviving men led by the Kirghiz Klochkov . . . and including many other Kirghiz heroes.

But mankind's hopes are not founded on warfare. The great message of Kirghizia is found in its **living progress**, the almost incredible advance of a whole people out of the remote past into the future.

Before Socialism, the few Kirghizian workers were in tiny factories and primitive mines. Today their country **produces more electric power than did the entire Empire of the Czar under Capitalism.**

Kirghizia was built by its own people, but only with *powerful financial and technical aid* which they did not possess for years.

If you can, picture this advance: today the working men and women of Kirghizia produce **245 times more industrial goods** than their forefathers did in Capitalism!

And there you see *the sole hope* for the countless millions who live today in the nations of hopeless poverty.

Where else in our world can you see such a miracle achieved not by magic but by **the working-class?**

It was the workers of Russia and Ukraine — notably those of Leningrad and the Donbas — who took the young Kirghizian nation as "their very own". Out to the East they sent their best men and women (whom they could not spare) and their finest machines (made so slowly then).

But now look! Membership in the Trade Unions of Kirghizia today is *well over a million* . . . a third of the entire population including babies and pensioners.

And those workers have given Kirghiz farmers **20 times all the machines** on the land of the Czarist Empire.

Man does not live for bread and industry alone.

That was brilliantly seen in Frunze last year. In a theatre rivalled only by the Bolshoi, Kirghizians put on a celebration program which few nations in the rich capitalist West could equal. And they performed not for their own people alone . . . the entire Soviet Union watched this magnificence on television.

It was no less than a hymn of praise to *the liberation of Kirghiz culture by Socialism.*

Yet something we have in the West is lacking there.

Having entered the future without going through Capitalism, Kirghizians *have never discovered how to turn back their economy*, how to develop a depression.

The destitute peoples of our world do not want to follow us into crisis. Hope for them is the way the Kirghizians took out of hopelessness.

Vegetable Factories



Maria Petrova has never farmed outdoors. She is an agronomist in Yakutia, just about the coldest region on Earth. Her new crop of cucumbers is more than welcome in the long Arctic night.

All over the USSR vegetables are being grown year-round in greenhouse farms of industrial size.

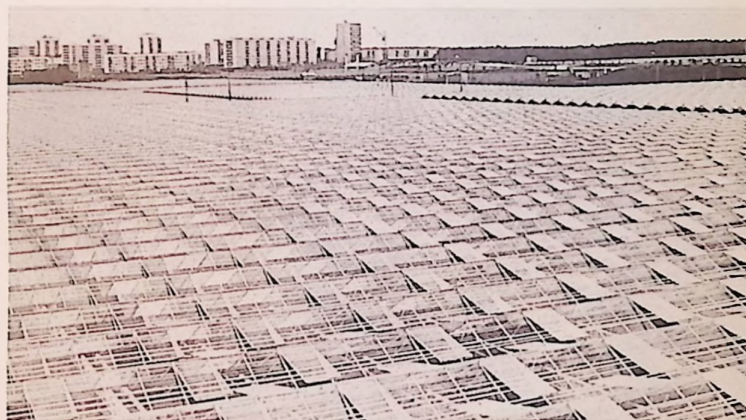
One near Moscow has units 60,000 square yards in area, nine of them. Tractors are used for service. Watering and fertilising are automated. Weather is controlled, regardless of outdoors, strictly to order. This month Soviet families are eating fresh vegetables growing on 3,750 acres of "factories", in mid-winter.



Look, no soil . . . this is modern "hydroponics" farm. From foliage and size of cucumbers you can see why some agronomists believe this is the farm of the future.



Different view of that big State Farm near Moscow. Here all farmers are employees working for wages, living in modern city-type housing. Thousands of windows open and close automatically as thermostats direct. Farm also has big areas "under plastic", for spring, autumn crops.



This big year-round factory farm at Kislovodsk has its own fleet of heated and refrigerated trucks to speed produce to customers. Works right around the calendar. Since they never have any slump, consumer demand stays steady, especially since prices never ever go up.



Growing season is long (all months except mid summer) and crops are heavy, so they use modern containers and tractor power. Many Soviet factory-farms are heated entirely for free . . . waste heat from big factories.



Nutritious? The most. This particular farm was set up to supply big health resorts nearby. Here the farmers (mostly technicians) get 60 pounds cucumbers, 25 pounds tomatoes, per square yard. Containers favored here.

NOW You can look YEARS YOUNGER — within a few weeks!



Remarkable new System, worked out by Soviet medical scientists, shows you how to get rid of those tell-tale signs of age, by doing simple, fascinating Facial Exercises. Young people can use them too, for better looks. And men.

- This System really tackles basic causes responsible for fading good looks.
- You need no equipment, you can use the entire System in the privacy of your own bedroom.
- Not tricks worked out by "beauty experts", but methods developed through long research.
- No dangerous hormones. No chemicals or drugs of any kind. No extras to buy. You get everything you need—including 26 Action Photos—in this exclusive Report.
- If you want to "rejuvenate" your entire face, you'll find all needed methods here.
- Or, if you want some special flaw corrected, you choose exercises for individual needs.

You can use many exercises in this System to "tone away" ugly wrinkles in face and neck. Others work if you are bothered with "bags" under eyes. Still other exercises treat signs of age around mouth and eyes, and common problem of too-loose cheeks. This is a complete System, for men and women. Also for younger people who want to preserve good looks through life. Unlike costly "hormone" treatments, this Soviet Facial Exercise System cannot possibly cause harm. And you "tailor" it to your personal, individual needs. Most surprising: there is almost no limit to the improvement you can achieve...the longer you use these methods, the better your appearance.

And the Exercises are so different, they're fun to do. Remember, they cost nothing, other than the charge for this Report. True, it is priced higher than most of the USSR Health Reports we offer. That can't be helped, because a special translation was costly, and this Report has 26 Photos.

Even so, the price of \$1.00 is just a fraction of what you'd be charged for just ONE facial treatment in a Beauty Salon today. Or for ONE jar of some treatment that's here today, gone tomorrow.

So the many treatments in this Report are yours for pennies apiece. To say nothing of the fact that you can use one or all of them countless times.

Thousands of copies have been sold in the past five years.

EXTRA BENEFIT: USSR medical authorities who developed this System find that when you do these exercises, to improve facial looks, you often get marked benefit to the health of your scalp and hair.

"FACIAL EXERCISES for YOUTHFUL LOOKS" — \$1.00 per copy - Three for \$2.00

different people, different needs

Perhaps you have more faith in familiar facial treatments...such as creams, lotions, masks, etc. They have them in USSR. But because their "beauty industry" isn't out for profit, a great many of their most high-recommended facials cost you little or nothing. We've been able to get no less than 31 of the finest. From Soviet specialists. And all NATURAL beauty treatments.

maybe we can help



Some people wonder why a Socialist country bothers with facial beauty. But why shouldn't women (and men, for that matter) who are building a New World look their best? They say it's all part of their drive to get Science to aid working people in the winning of a finer way-of-life.

However that may be, WE HAVE THEIR BEST NEW METHODS. You can make and use all of these at home. Very, very economical.

Think of it this way: you can try a new one, every day for a month, and in that way find out which work the best for you. For less than 4 cents each!

"31 NATURAL BEAUTY TREATMENTS" — \$1.00 — 3 for \$2.00



sputnik magazine

After all is
said and done



If you want to know what goes on inside the USSR, why depend on what Western reporters tell you? See what SOVIET PEOPLE THEMSELVES read! They live there. Nobody can fool them. Now you can see all that FOR YOURSELF....

created for your own individual, varying needs

They call it "the Reader's Digest" of the Soviet Union. It gives you translations (into English) of EVERY KIND of article, from 13,000 Soviet papers. So no matter WHAT YOU PREFER—sports, science, labor, movies, fiction, history, farming, education, children, marriage, politics—you get your favorite topics here. And lots of photos (many in full color) if you prefer just to look at pictures. Fast becoming the USSR's MOST POPULAR MAGAZINE.

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WHY and HOW

to make

YOUR WILL



For years, Readers have been asking for information useful in "making your Will". At last we are able to offer this.

Here, in a brief, clearly-written publication (free from 'legal terminology'), specially prepared for us and based on extensive advice, you get the essential facts.

We believe this can be useful to people of all ages. As you know, modern life and its dangers has led many younger men and women to make Wills.

The advantages of having a Will are great indeed. Not only for your own peace of mind, but for those you may leave behind.

Our publication also tells you how to leave a bequest to any "cause", which you would like to go on supporting, after you can no longer do that personally.

You may know friends who would welcome this, so we kept the price low.

"WHY and HOW to make YOUR WILL" - 50¢ - 3 - for - \$1.00



Meet Natalya Melnikova. Doing research in geography, in Siberia. Surprise: she's a specialist on Canada. Working for a higher degree, Ms. Melnikova bases her thesis on a thorough study of the methods our country has used to develop forest and water-power resources, and the problems of protecting our environment.



... boom and no bust, if only companies and governments stopped making mistakes.

We have millions unemployed. They can't buy goods being produced. But when they did have jobs why did sales fall off, causing factories to slow down and even close, profits slump?

It's been that way ever since our capitalist system began. Economists tore their hair out *trying to find who made what "mistakes"*. They got nowhere until Karl Marx took Capitalism apart, scientifically, and found out what makes it boom, then go bust.

This Science of Marxism isn't all that easy to grasp, but you can get its main features from a summary.

First, look back.

Away back, slaves worked for owners. No mystery about that system. Simple case of "owner take all".

Next came Feudalism. Serfs had to work for lords so many days a week (then for themselves). Likewise simple: those who did the work paid those who never worked a third or even a half of everything produced. God's will.

Came Capitalism. It replaced Feudalism because it revolutionized production, using first *machines* and then *power* to vastly increase goods.

The *wealth* (money, capital) to build Capitalism came mainly (not entirely) from plundering new lands, colonies, earliest world trade. *But wealth alone isn't Capitalism*. You must also have *workers*: millions who have no way to live except to work for wages paid by capitalists.

One of Marx's great discoveries was that factories, machines, raw materials, etc., *are not themselves capital*, even though capitalists and professors to this day say they are.

To turn into capital, *things must be worked by workers*. Because only then will capital *make profits* . . . capital plus workers equals The System.

work — is how much money the boss will pay.

Marx researched that for years. He proved that capitalists can haggle about pay but *they can't determine wages over the whole system*, at any given time.

Wages are automatically "*fixed*" so they are *just enough to keep workers going*; raising a new generation; using food, houses, clothes, transport, recreation, etc., available in each period . . . life "*gets better*" up to a point, but never past that.

Why? Because capitalists pay their workers only for *part* of the value they produce during work. Enough to "*keep them going*". The *other part* (surplus value) *is taken out as profit*.

Try it another way. During a boom, Capitalism pays nearly everybody

All the while, ever more goods are produced. But the workers never get enough wages to buy all that their labor turns out. Suddenly . . . *unsold goods, profits drop, lay-offs begin. Bust.*

Well then: *why don't Capitalists pay their workers more, so they can buy everything, thus maintaining profits, jobs, prosperity?*

No way.

Capital cannot increase if workers are paid all (or nearly all) the value they produce. And the *purpose* of Capitalism (*The Profit Motive*) is to keep on *multi-lying capital*.

Capitalism simply won't work unless capital keeps on *growing*, fed by rising profits. When that growth slows down, or stops, *far from raising wages the capitalists must fire workers.*

Higher pay is good for us, bad for the System

If capitalists could raise everyone's pay — and thus tremendously boost workers' buying power, using up all goods produced — *they'd do it*. But if they did it, *profits would fall through the floor* and the System would have to shut down.

Contrary to some earlier economists, Marx did not "*criticize*" Capitalism. He did not say capitalists are "*bad*". He analysed *how Capitalism works*; how it is incomparably more efficient than Slavery or Feudalism; and why its Booms and Busts get bigger and bigger until finally *the working class will no longer tolerate the System itself*.

You wonder about that?

Something vital is involved here. Truth is, Capitalism has become a *very productive system*. It is now so advanced that millions of people can see *what's wrong with it*.

What's wrong is that Capitalism is *fatally ill*.

The System *could* produce enough to

satisfy all society's growing needs. But Capitalism *doesn't operate* to satisfy people's needs, it *runs for Profits*.

There's the sickness. Or, as Marx put it: *the Contradiction*.

This is worth getting very clear . . .

- Capitalism seems to run as if it wanted to produce anything and everything we need.

- But it *doesn't*. It runs to produce anything and everything that can be turned out at a profit.

Capitalism contradicts itself.

That's fatal today. For a reason you may already be thinking about.

- Our modern, advanced economic system can be run *without* the Contradiction that's killing Capitalism.

- In USSR, production is raised as fast as possible, to satisfy the growing needs of the people.

- And the people *pay themselves* all they require to *buy everything* that's available.

Boom without Bust. Socialism.



putnik magazine

After all is



Man and Music in Today's World

If you are unsatisfied by the modern music that is played at us day-and-night on TV and radio, you are in good company. Millions in the USSR feel the same way, even though they are spared much of things we hear. NN was able to get the views of a noted Soviet composer and performer, Eugene Svetlanov. We pass them on to you in the hope that they may explain some difficulties. And perhaps arouse some hope for our musical future.

Composers today have very much more going for them, in technical equipment, than ever before. But outstanding new music is rarely created. And you cannot find any simple answer for this.

Music in quantity we have. Electric instruments, phony folk singers, pop groups by the dozen . . . *they are symptoms of a disease descended on humanity in recent times.*

These "musicians" believe they don't need to study music as it has evolved through the centuries . . . just pick up a guitar, listen to a few dozen "patterns" others are twanging, and you can churn out "masterpieces" yourself.

As for talent and skill, who needs them?

Aren't there any talented composers? Few and far between, *as always*. But today they are swamped in the chaos of modern "light music". And some experts seek to justify this by claiming that such music actually reflects the Science Revolution. But Science is advancing human culture, whereas music is being seriously retarded.

Some people, of course, refuse to have their love of music destroyed. Their fight is difficult: tens of millions of people are suffering the destruction of their musical tastes by TV and radio, while the audience that appreciates real music is shrinking.

The fate of "real music" in recent times is itself not too inspiring. After the radically new works of Schonberg (he originated the *Dodecaphonic Scale*), his inspiring compositions were followed by a host of feeble talents, attempting to out-do this great innovator. These people imitated each other endlessly. So their successors went on to "scientific" composing: *avant-garde* music using every sort of electronic gadget, deformed musical instruments, machinery, household equipment, distorted tape recordings, anything that made sick noises.

Fortunately, human beings who love music are immune to fatal musical diseases, and the *avant-garde* composers of 20, 10 or even five years ago, are already forgotten.

"I am convinced," Eugene Svetlanov tells us, "that the time has come when people want beauty, deep sincerity and a natural melodiousness that penetrates the soul, not only caressing the ear but also touching all the tenderest strings of the heart — our hearts, the hearts of modern men and women."

Svetlanov realizes that millions who turn to music are "caught up in the frenzied pace of life today". Their minds are numb from the endless flow of mass information. They live comfortably — material wellbeing has become a kind of end in itself, the ultimate aim of existence. Almost everything around us is "standardized mass-production", even thoughts, feelings, actions.

Modern man is protesting, he is keenly aware that life lacks beauty and harmony, the very needs of humanity.

And this is what explains the growing striving in so many countries for music close to human hearts.

Svetlanov believes that this striving is closely linked with civilized man's *yearning for nature*. Even though we have largely conquered nature and made it serve our ends, we still are part of it. "For man, all that is harmonious, beautiful, and eternal, is contained in the nature that surrounds us and survives after us."

No one can deny that Eugene Svetlanov is a modest man. Only towards the end of his commentary does he point out that *Soviet composers* are in the forefront of a world trend to uplifting modern music. And here he is not relying on his personal views, he rests his case with facts. Only in the Soviet Union, in developed Socialism, have *the masses of the people* taken to music (and all the arts) as an *essential part of their daily lives*. And what is the result of this?

Any musician can tell you. To perform before today's Soviet audiences is considered the greatest honor any composer or artist can achieve.

The reason for this is clear: Soviet people have become the most exciting, most appreciative, most responsive audiences in the musical world.

And on the other hand Soviet music is renowned because of its content . . . *it is art for man and about man.*

The music created today in Socialism gives people more than mere pleasure. It arouses in them human faith in all that is good, faith in a better future for mankind.

What can be nobler than this *purpose of music*?



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New stars in the Soviet stage world. They're all from Voronezh, a very old Russian region. No doubt at all, they'll be coming on tour pretty soon. Because the Voronezh Chorus is a big success at home. Here Lyudmila Strukova, their top soloist, gives a smile for NN.



Vyacheslav Muratov (left is already out of uniform) and Ivan Trofimenko still has to leave the Red Army. But both men, experienced tank drivers, have been hired by a big Co-op farm to drive the super-powerful new K-700 tractors, said to rank with world's best.



Guess what: these two girls just graduated from technical school and took jobs at the super-modern Pepsi-Cola bottling plant in the Black Sea city of Novorossiisk. Actually, this plant is only a department of a huge complex making beers and fruit drinks. Problem: finding people to take all the new jobs continually opening up in Novorossiisk.



At harvest time it's not easy to get farmers to keep dates for regular medical examinations, so hospitals send teams out to the fields. Here doctors of Azov district (near Rostov) do blood pressure tests on machine operators. Many Soviet workers get regular exams right on the job.



Sports fans may recall Yul Tyukalov, who amazed everyone at the Olympics in 1952 by defeating all the world's leading scullers. Now the former rowing champion is making another big name for himself: he's an artist in metals. He did the beautiful stateroom doors on the ship "Alexander Pushkin".



out in front of The Science Revolution

■ According to our papers, Soviet leaders fall over backwards to get Science from USA.

Original Soviet method of *painless childbirth* (now imitated the world over) may be replaced by radically new *electric-analgesia*.

Precisely timed impulse-currents, applied to the central nervous system of a woman in labor, drastically reduce pain sensitivity, but have no other effect on body or brain. Birth is normal. Fewer complications. With virtually no pain, the mother recovers much more quickly.

Widely tested and approved, the *Electro-Narkon* apparatus goes into production in 1976.

Revolution in making steel parts seems on the way, as result of new USSR methods for applying tremendous pressure to *cold metal*, so that it can be forced through holes, almost like a liquid.

In one step this method does away with heating (softening) steel, or milling (cutting) it to required shapes, and then heat-treating (hardening).

Complex-shaped steel articles are formed in one stroke. Their strength runs 70 percent greater than same items formed by usual methods.

Method is not limited to making steel parts for industry. It is already being applied to other metals, and alloys, and may have great advantages in forming parts for advanced aircraft and for ships. Also being tested in manufacture of parts for large electric power generators, turbines.

Major Canadian oil companies are using radically new Soviet drilling equipment, notably a *turbo-drill*.

Instead of spinning an oil-well drill from the *top* (turning a pipe that may be miles long, extremely heavy) the Soviet drill is driven by a turbine *down* at the *bottom* (cutting-face) of the well, with no power loss.

Speed can be increased 400 percent. Pipes do not wear or break. Steel pipe can be replaced by lighter aluminum pipe, much cheaper.

"We think the Russian design is vastly superior" said chief of Canadian Drilling Research Association, foremost research group of its kind.

■ So how come they're ahead in Space? And why the worry over Soviet scientific weapons?

Fifty thousand workers will get jobs at Oskol Electro-Metal Plant, making steel by revolutionary new process.

No blast furnaces (to make iron from ore, before converting to steel). *No coke producer*. Therefore none of the terrible pollution associated with iron-steel plants.

Iron ore is first "metallized", in very hot gas flames. That is fed *continuously* into special furnace, where it changes into steel without using air or oxygen blasts.

Oskol Plant will start with output of 3,500,000 tons of highest quality steel yearly. So big, it will take four years (1976-80) to finish. It is in Belgorod Region.

Medical research carried out for 26 years by *Dr. Alexander Studitsky* (NN reported it first in 1949!) has reached climax of a major discovery: how to *re-grow body muscles* that have been damaged or lost (accident or operation).

Replacing muscles has been extremely difficult, often impossible. Basis of Studitsky's method is *crushing* muscle tissues so *myoblasts* (special cells) form ... these are capable of re-forming lost muscles.

But another major discovery is how to *unite new-grown muscle with nerves which activate it*.

Dr. Studitsky tells us that first wide application of his methods will probably be in restoring damaged muscles-nerves of the face.

World science (and industry) is aroused by latest application of *tremendous pressure*, achieved by new Soviet devices ... they can develop pressure of more than 35 million pounds per square inch.

However, newest outfits are planned to reach 150 million pounds, and this is enough to *transform hydrogen gas into a solid metal*.

No ordinary metal. It will have the long-sought property of *conducting electric power without resistance*, at ordinary (room) temperature.

Needless to say, this would revolutionize energy production and use.

■ Here are nine new advances from Socialism's laboratories, to help you get it straight.

World's most beautiful *amethysts* come from Urals in Russia, but mines are nearly worked out. No matter. USSR Institute for Synthesis of Minerals has not only duplicated this lovely stone, but *created new one much superior*.

Called the *Alexandrov Amethyst*, it is *grown in a solution*, to form crystals which nature never even approached. The man-made amethyst can be made in sizes double that of a man's fist!

And instead of appearing drab, in artificial light, the *Alexandrov* gives a fabulous deep-red coloring.

The new stone is fast taking over the world market for amethysts.

USSR triumph in getting splendid close-up pictures of planet Venus is largely due to *revolutionary radio communication system*.

Space-radio requires great sensitivity of receivers (since transmitter power is small, distances vast). Limit here has been "noise" (static). But new devices avoid that.

They have no resemblance to parts used in radio today. Incoming waves are used to *stimulate atoms*, and the radiation the atoms give out serves to *amplify the weakest signals*.

Devices work at extremely low temperatures, and use super-powerful magnets. But they are industrially-produced in USSR now, and work at all Soviet space-receiving centers. They can "hear" hundreds of millions of miles, a development noted uneasily by some elements in USA.

Recent violent eruptions of USSR's Far Eastern volcanoes have confirmed an astonishing prediction: contrary to previous belief, *valuable ores, minerals, are formed in volcanoes*.

Researchers living dangerously in huge Uzon "caldera" (melting pot) found brand new mineral compounds right near surface.

This opens the way to *using volcanoes* by "tapping" them to deliver (more or less like oil!) streams of valuable ores. Soviet scientists now believe they may be on verge of reaching colossal ore sources.

One month's press clippings

OVER 100 SHIPS OF FOREIGN COUNTRIES sailed on Black Sea cruises this past year, as popularity of Soviet resorts, service, prices, spreads world-wide.

BEAUTIFUL WILD ONAGERS, graceful variety of wild asses, today number over 1000, in reserved areas of Turkmenia's plains. Only short time ago onagers were almost extinct, with only a dozen or so left in USSR. Now they're assured of wide propagation.

IN LAST 10 YEARS 25 NEW CITIES have sprung up in Soviet Republic of Kazakhstan, with brand new population of over 2,500,000. It's the Boom . . . this part of Socialism is expanding very rapidly.

AMOUNT OF SEWAGE GREATLY INCREASED, in cities along the Volga River, in current 5-Year Plan. But pollution has sharply decreased. Explanation you see in city of Gorky. There, new sewage treatment plant purifies 600,000 cubic yards daily. But in 1976 this plant will also add oxygen to sewage, thus raising the quality of water far down the Volga. All cities plan similar programs.

STEPPING UP AID TO VIETNAM, the Soviet Union has assigned two of its largest freight ships for continuous service between Odessa and Saigon. Their first cargoes were wheat flour and rice.

BIGGEST IRRIGATION PLAN EVER is being worked out by Siberian scientists tackling the drought-ridden but very fertile prairies of Kalunda. They plan to use water from the Ob River to guarantee there will be no more crop failures on an area so big it is hard to grasp . . . over 5,000,000 acres.

ANOTHER MAN-MADE SEA, backing up behind the huge Ust-Ulim Power Dam, in Siberia, will soon be a source of one of the world's most delicious fish: the *omul* of Lake Baikal. Fifty million "fry" have already been placed in the sea, but they won't feel crowded. This new body of water will (when it's filled) hold 60 thousand million cubic yards.

STRANGE TO SAY, the fastest way to ship heavy freight from USA to Iran is via the Soviet Union. So a new container-ship-rail service has started, about 4000 miles long. It will also serve West Europe and will help to speed the industrialization of Iran. This "via USSR" system arose as a result of the great success of Europe-Orient shipments over the Siberian rail and ship lines. Size of the job? About 10,000 large containers yearly.

TRADE UNIONS OF ROSTOV, a major Soviet industrial center, have set up recreation resorts along the Don River. They're now big enough to cater to 25,000 people at once. Free playing grounds, beaches, boats. The only charge is 35 cents per day!

PROSPERITY IS MEASURED BY RETAIL SALES, and in USSR this year they ran 7 to 8 percent higher than 1974, with no price increases. Total consumer buying is now over 240 billion dollars yearly.

OUR DOCTORS DON'T SEEM AWARE OF IT, but the trace-element (metal) beryllium is very undesirable in drinking water. Soviet water specialists therefore have set a permissible limit of billionths of a gram per quart. New USSR water-purity standards also specify strict limits for six more substances never before considered dangerous: silver, strontium, selenium, nitrates, molybdenum and poly-acrylamide.

PEOPLE WHO LIKE SALTY FOOD will be happy to know that Soviet geologists have mapped out a new deposit in the Kara-Kum Desert. It can be dug up by excavators and could supply the entire world for 200 years.

As year ends the news shows clearly how their lifestyle is improving

FAMOUS PUPPET THEATRE DIRECTOR, Obratzov, had a TV show recently, and at the end he asked children to write to him about their pets, especially about why they love their animals. Nobody guessed what would happen . . . in poured 4000 letters! These were so good that a film studio worked them into a hit movie *Who Needs That Cat Vaska?* Not only is it real-life but it is a powerful appeal for kindness to animals.

GROWING PLANTS WITHOUT SOIL (hydroponics) is big business now, but Soviet scientists are pushing the ultimate system: no soil, not even any sand or rocks to hold the nourishing solution . . . the water containing all necessary food elements is *sprayed from below* on plant roots. System of plastic mesh holders supports plants. Advantages are faster, healthier growth and bigger yields, far less disease problems.

MORDOVIA IS A SMALL COUNTRY (an Autonomous Soviet Republic) which, 50 years ago, was extremely poor. Mordovians did not have any written language of their own, and were just about 100 percent illiterate. The change brought by Socialism is astonishing. This year Mordovia State University registered over 16,000 students, so that it ranks in size next to the USSR's biggest (Moscow and Leningrad). Mordovia U' is big not only in numbers but in academic rank. Thus it is the only college in USSR to have a Department of Illumination Engineering. Many of its science grads have world reputations. Yet just a lifetime ago Mordovians were considered by many to be "inferior". Heard that before?

"THE HUNGRY STEPPE" (PRAIRIE) WAS MOSTLY DESERT up to recent times, but now this Soviet Central Asia region grows vast cotton crops. More to come, because millions of mulberry trees have been planted along the irrigation canals. Today, the first "crop" of *silk* is coming in. Silkworms thrive in the trees, and a big silk industry is planned after hundreds of tons of quality cocoons were gathered.

WORLD'S BIGGEST FACTORY PROJECT is the rising Kama Truck Plant. But work has now started on a project that will cost far more than the gigantic Kama works. It's a gas pipeline, 1650 miles long, using largest pipes ever (55 inches in diameter), working at very high pressures . . . to move 28,000,000,000 cubic yards of gas annually, from USSR out to other Socialist countries and West Europe. You get an idea of this project's size if you picture the 22 enormous pumping stations to be built along the line . . . they'll use 1,600,000 kilo-watts of power, not long ago the output of the biggest electric stations in world.

WE MAY SOON READ OGDGO AKSYONOVA'S POEMS, because they are very popular in USSR. They're different because Ogdo is the first poet of the Dolgan people. Dolgans live above the Arctic Circle (you meet them in the city of Norilsk). There are only 5000 or so Dolgans and their speech is unusual, embodying many Evenk and Russian words. But the language had never been written until Ogdo created an alphabet. She is still young (just 39), daughter of a trapper and reindeer breeder.

ANOTHER "BIGGEST IN WORLD", this time in mountain-climbing, you'll find at Osh, high in Pamir mountains. From all over world climbers are coming to try Lenin Peak. So far, 1600 have gone up. And that is far, far more than have climbed all our Earth's other 170 very high peaks. To be very high a mountain must be over 21,000 feet. At Osh they've had to build a big international mountaineering center.

NO BIG CITY WOES BOTHER PEOPLE OF MINSK, who have seen their city double in population in 13 years. Which means that 600,000 people moved in! No crowding. Planners insist on about 70 square yards of "greenery" per inhabitant, but they're going to double that as Minsk reaches out past its present 6 miles from the center.

VASILY ALEXEYEV IS STILL WORLD'S STRONGEST MAN, though he almost lost title to Christo Plakhov of Bulgaria. At a capacity-crowd match in Moscow, Christo pushed the "snatch" weight from 180 to over 187 kilograms . . . then came back to lift 195 kg. It looked hopeless for Vasily. But he went into the "jerk" with amazing power . . . to break the world record for the 72nd time with a lift of over 245 kg . . . 539 pounds!



One surprising thing about our NN Readers is that they are lively and alert enough to take immediate issue with anything they dislike. So you can expect to disagree with some of the views here this month.



How do their ideas suit you?

"I'm 82 and going strong, enjoying my later years because the things I've worked for are coming alive now." **F.W.S.**

"If you could find me a 14 to 16 year old pen-pal in USSR I'd be grateful. I want to talk (by mail) to my own age over there to exchange thoughts." **D.E.**

"Last March NN saved my life. Doctor could not help my very bad sore throat, with pain in arms and chest. Used USSR 'baking soda' treatment, just twice; no more throat, arms or chest trouble. I thank you very much." **J.N.**

"I enjoy NN but you waste too much space on that health stuff." **L.T.K.**

"Send more of July-August issue, people want that report on Sunflower seeds, it is very effective." **H.F.R.**

"Had great privilege of visiting USSR. Very impressed with much that I saw. Do you not think NN was overly enthusiastic about the TU-144 (supersonic plane) that caused the crash in Paris?" **D.L.M.**

Note: TU-144 enters service very soon. Crash in Paris was caused by unscheduled entry of a fighter plane into space reserved for TU-144.

"I would like to see NN published in Spanish, perhaps in Mexico. Spanish is spoken by very large numbers of people now in North America." **C.F.G.**

"Am sending this NN sub to my brother in Florida. He visited me this summer and thought NN was the best ever." **C.E.P.**

"I would like much more news about young people in the Soviet Union." **F.L.**

"Like your straightforward and candid evaluation of Soviet and world trends. Above all I appreciate NN's factual reporting of Soviet science and medicine." **D.S.**

"Hard to say which pages I like best but, like other people you refer to, I always read the 'Reader's Page' first. I take great pleasure in knowing that there are so many people busy moving our world towards peace and plenty for all." **E.N.**

"I feel our capitalists are jealous of Soviet successes, which have been marvellous over the last 50 years. Our country is fed so much down-grading propaganda it is always enjoyable to read NN." **L.N.**

"Recent letter by A.B. needs correction I think. My understanding of Jews is that the term should be applied only to those who follow the Jewish religion. If they don't they aren't Jews. Isn't this the correct approach?" **C.B.W.**

"I think many people consider that all Jews are Zionists and support the government of Israel. I for one am not a Zionist, do not practice my parents' religion, and oppose Israel's policies. But I regard myself (and my children) as worthy members of the Jewish nationality." **I.F.**

"I think NN should pay full honor to the great composer Dmitri Shostakovich, who died recently. Probably the greatest of all modern composers, Shostakovich proudly served the cause of Socialism and the Soviet people all his life." **N.W.A.**

"Thoroughly enjoyed our Russian tour and would be interested in another one in two or three years. Especially enjoyed seeing the young folks of USSR and their activities." **G.F.**

"From time to time I've been asked to remember NN in my will. I think this is a splendid idea, I've read the paper since its beginning and now I am running out of time. Any information you could give would be appreciated." **R.L.**

Note: Our publication "Why And How To Make Your Will" gives useful facts.

"Always a 'red-letter day' when NN arrives. What I mean is, I appreciate it. Articles on 'psychic discoveries' and 'far out' subjects are, to me, of particular interest. They go a long way, do a lot of good, reaching our young people here, who have been told that the Soviets are 'rigid materialists', couldn't possibly be interested in things like ESP etc. Here youth are interested in such things, so articles help to 'bridge the gap'. Keep up the good work." **H.S.**

"Please tell me when my Sub to NN is due. Why don't you run, with the address on the envelope, the month and year a Sub expires?" **T.A.B.**

Reply: Information you want is on your NN address label (on envelope). Look at the Number on front cover of NN (this December 1975 issue is No. 214). If your Sub has 10 more issues to go, the number on your label this month reads **224**. If your Sub expires next month (one more issue to go) the number will read **215**. So, just a glance tells you at once how many more numbers (issues) of NN you have coming. When you renew, your number is increased by 10, 20 or 30 (depending on number of months you renew for).

"Have wanted to write you for some time to tell you something of my feelings about NN. I read newspapers, magazines, etc., and become very perturbed and sad for the state of the world, especially our own country. Then, to cheer me up and become optimistic again I turn to a copy of NN and see what Socialism is doing for people, instead of Capitalism which is destroying people ... making the rich richer though many live at poverty levels, with high cost of illness ... so many problems which could be solved with cooperation, justice for all, instead of selfishness and greed." **H.B.R.**

"Possibly this generation of ours is the first to make a real effort to help all the needy people of the world." **G.F.**

"I think NN is the greatest because it is the only publication available that compares the two economic systems. The conclusion as to which is the best is not hard to determine. Thank you." **M.E.H.**

"Received my first copy of the Soviet digest magazine **Sputnick** and enjoyed it very much. I have travelled in USSR for a month in 1972 and 26 days in 1973. Expect to visit 9 countries in South America this year." **J.M.**

"Please tell me when NN plans another tour of the Soviet Union." **K.G.**

"We first subscribed to NN way back when it was a mimeographed sheet. Has always remained among our most favored reading. We toured the USSR twice, visiting 10 cities. Thus learning that your praise of their system is not overstated." **S.M.**

"Visited Russia this year. Most enjoyable and provocative tour. Reaction on my return ... two or three really want to learn more and judge without prejudice but the great majority curl their upper lip at any mention of a good life in the USSR." **H.B.W.**

"It would seem that this character Mao Tse-tung has got his huge country into a very dangerous position, getting mixed up with West Germany and USA big business. I thought Hitlerism was bad, and now we learn that West Germany is privileged to carry on nuclear and rocket weapon research with Mao, in China. What will this mean to the rest of the world?" **H.F.C.**

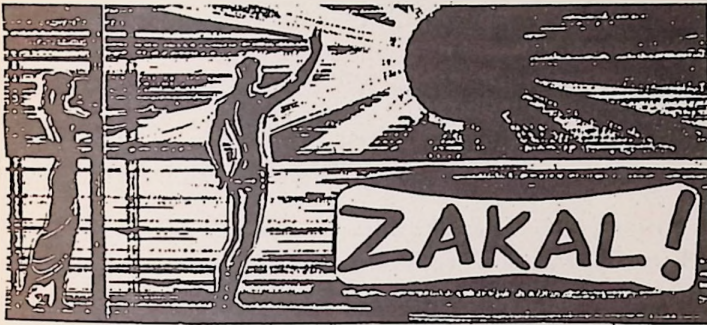
"I turned sick when I read that the Peking government not only welcomed the diplomats sent by fascist Chile but now is making big deals with the Junta there. Why doesn't NN explain to us how China turned against its friends?" **L.F.**

"Received 'Our Opinions' and read everything. Found them all human until I got to Mr. Harold Sparks ('Grumbleguts'). Felt like I looked into a garbage can. Suggest that next time he stops in Paris or Rome to see how things are." **F.M.**

"This publication 'Our Opinions' is of no interests. I am not interested in opinions. An article on the West's influence would be of interest." **F.W.**

"Just a line to tell you how much we appreciate 'Our Opinions'. I felt I was on that trip to the USSR myself as I read their comments and many everyday things which we do not get in NN. It was wonderful to learn what others think." **S.V.T.**

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ZAKAL! New, exciting way-to-health used by millions in USSR. From the Russian word meaning "conditioning". First used as system to develop super-health in athletes, space fliers. Now much more widely applied to help SICK people. Those who are RUN DOWN. People suffering from COLDS, INDIGESTION and INSOMNIA. Soviet doctors say ZAKAL is the natural way to KEEP WELL, enjoy long vigorous life. And now basic facts of this Soviet system are being "re-discovered" here.

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