

### **Exploding The Phone**

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Title Blind Boy Has Built-In Radar Instict

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Abstract Joe Engressia, a blind student at the University of South Florida,

is temporarily suspended for whistling his way to free calls. The FBI ruled, however, that no federal statute had been violated.

Keywords Joe Engressia; Harold L. Hawkins; General Telephone Co.

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## Race to conquer an underwater world

"The Nation which first learns to understand the seas will control them. And the nation which controls the sens will central the world."

In these words a celebrated So-viet scientist, Professor G. V Petrovich, recently spelled out what the major nations had known for at least five years: that the race to colonise the oceans, to break down the last frontier which lies between man and the total domination of his planet, is from a practicable standpoint more important than flights to the stars.

Now the race is on. America has earmarked £100 million for immediate development of underwater laboratories, and is ho ping to spend another £3,340 million on marine mining pro graphic Institute has an ever-growing fleet of research ships roaming the oceans.

An ambitious Soviet underwate programme involving undersen colonies and marine prospecting is well under way in the Arctic and in the Pacific. But the big powers are not alone in delving for the snimal vegetable and mineral riches which are there for the taking. Over 40 nations are planning some form of underwater exploration during the 'seventies, involving projects ranging

from fish-farming to mangan-

ese-mining. Japan already has

a fleet of research-craft sludy-

ing deep-sea fishing methods

ed deep-sea craft which will descend to 8,000 feet to carry out detailed studies of mineral deposits, and map the ocean floor for scientific and commercial purposes.

The Russians intend to counter this with the development of a 'flash-distillation" process for turning sea-water into fresh to provide abundant water and electricity for heavily-populated constal cities.

But such projects are far over the heads of the majority of world's smaller nations and it is these who most need the resources that the sea calousy guards.

Before men can properly harvest the bounty of the sea, they must be able to live and work underwater cheaply and safely That's why the underwater house experiment visited off As # the coast of Malta recently is so significant.

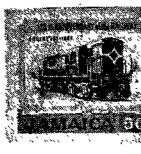
Diver-technologists from Lon-don's Imperial and Enfield Colleges set up underwater dwelling in which up to four peo-ple could live and work,

Major breakthrough They said: "In the past, underwater houses could cost up to a million pounds. It produc ed commercially, ours would Dr. Hawkins was given a (US) sell for about £2,000. It brings \$5,000 grant from the Natio-

underwater research within the

budgets of smaller nations and private organizations." Another major breakthrough en- about gincered by the Malta team is a gadget about the size of a Alexander Graham Bell television set, called a "life- When hone rungs, he can tell support-box". This contains from which exchange it is

electric equipment, batteries and surveying the ocean bed. Installed in the rubber-fabru



THE THREE STAMPS ABOVE,

issued by the Postal Depart-ment to commemorate the

125th anniversary of Jamai-ca Railway, bave been

sale at all post

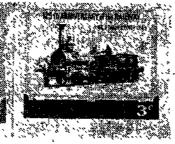


cies since Saturday, (Novem-

ber 21). The issues, as shown,

are a three-cent, a 15-cent and 50-cent. They are printed in bright attractive colours.

The three-cent stamp shows the projector engine which



# Blind Boy has built-in

By Ian Glass nizing the silver content. . . year-old Joe-who has been blind since birth-is being infessor Harold

for just that purpose. Joe's 'speciality is the telephone which he probably knows more than anyone since

coming. By the feel of the in-strument, he can tell in which year it was made. He know how to make a free call to anywhere in the world. Given a couple of days of research he reckons he could work out how to contact anyone—President Nixon on his bedside phone, or the Pentagon's highly-secret hot line

find out what is the limit of Joe's skill and whether it is

By 'The Native'

STORIES ... URBAN AND STORIES ... URBAN AND SUBURBAN:
The Mayor of the K.S.A.O. ... very desperately trying to get Kingston's foul-smelling streets free of garbage, and attempting to instil into the thick skulls of careless citizens that they musn't add to the mess and litter ... was amused when a lady told him, at a party recently, this one at a party recently, this one—
The vet has recommended that
I give Bobo my pedigreed
Alsation bitch birth-con-

team with a breathable By-the-way-, talking of stock brokers always reminds me of golf. Wasn't it Lindy Dela-And turning to Jamalea's coun-try side (if you can stand

of Mr. Lord's cane farmers, groaning and muttering over last sugar crop's bills, yet unpaid, at his desk? His wife, passing, stopped, patted him sympathetically on the back, and observed:— "Cho, cheer up, Bengy, man! Look on the bright side ... we could be poor, instead of just plain broke." broke."

Oceanic Agency as a counter-part to NASA. sis the rights to commercial Experts on both sides think to war underwater will be won hy the late 'seventies, "The by the late 'seventies. first nation to establish an extensive manned colony underwater will be in impregnable position when it comes to establishing territorial rights, observes Professor Petrovich. But this is a rivalry between East and West without threats without force of erms — a ri-

valry whose results cannot bu benefit the whole of mankind."

of the Mediterranean, the life-support box, supplied the

ing heating and telephone.

hours", David Baume, co-lead-

er of the expedition told me.

When exhausted they can be

changed as easily as you would

switch batteries in a torch."

America and Russia have their

eyes on bigger prizes. They

know, for instance, that any nation which can increase its

fish catch by 30 per cent will solve its food shortage prob-

No wonder Russia has already set up a vast Institute of Mari-

culture — the science of under-water farming. No wonder President Nixon is being pres-

sed to establish a National

lems for good.

oped the first process for making inexpensive and plentiful steel? Who said "love is the wisdom of fool and folly of the



FROGMAN carries the "life-support box" which can keep men

which have played a major "At their present stage of de-role in charting the world's velopment, these boxes can

slive underwater for up to 24 hours. Britain has the fishery research

vessel Manibine, and America has expanded her oceanogra-

phic fleet from a handful of antiquated ships in 1957 to a

modern flotilla of 115 vessels

Military value

This Western development has

had drastic repercussions in the Soviet Union. Recently, one of

Russia's most prominent ocean-

ographers remarked: "At pre-

sent the oceans are nobody's property, but how long will this situation remain? "The de-velopment of Soviet ocean ex-

penditions has put a brake on

The expert, Professor L. A. Zenkevich, points out that the low-ering of American bathyscaph-

es and the drilling of the ocean

bed "are ways of staking out a

claim," and that scientific research has now also given Rus-

exploitation. Certainly, one would have

thought there was plenty for everyone to exploit — there's

330 million cubic miles of wa-

ter in the world's major ocean's - but the signs are

that Russia, who has apparently opted out from the space

race, is making the broaching of the last frontier a high-pri-ogity matter involving national

Many experts believe there's

more to it than that. They point out that the world under the

water could have enormous

military value too.

Already both East and West have

the technical know-how to de-

vise missile-launching pads,

powered by fuel-cells, operated by remote control, and virtual-

by undetectable, which could be

built into the ocean floor

this matter."

ISSUME Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

> Jumbles MANGE PLAID AMPERE JACKAL Where the usher put on oversitantice theoretyper-IN HIS PLACE



Johnnie Walker BLACK LABEL Superb'Scotch Whisky

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started the Railway service here in 1845; the 15-cent de-plets engine 54 introduced in 1944, and was one of the is-land's best, and the 56-cent-engine 102, a diesel electric type, put in use since 1967.

when he was eight by acciden-

tally whistling into the phone and cutting off the operator.

cap (he also has a built-in ra-

dar instinct that which pre-

vents him from ever bumping into things.) He will board a

bus by himself, go to a city and ask to be shown around

the local telephone exchange

ipment by listening to the

cidentally get an overseas phone call: free; I'm just try-

ing to learn to help. Eventually

I'd like to start my own

nis stereo equipment for him.

NANA

Often, he is able to warn the phone company officials of im-

pending problems in their

electronic tones.

phone company.

He was temporarily suspend-Joe's blindness is of little handi-

do it any more"), and an aston-"Excuse me, I have to

ished General Telephone Co | I promised a friend I'd balance

## radar instinct an inherent, undeveloped trait mathematics at the university. Joe says he discovered his talent

trouble with the university and the FBI two years ago.

ed for making free long-dis-tance phone calls for his

friends by imitating the diali-

Just whistle

mouthpiece. The long-distance

relays reacted to the particu-lar frequencies he made, for

Joe has perfect pitch. He can reproduce any sound frequen-

cy impeccably, no matter how

long it has been since he heard

lated ("I promised I wouldn't

offered him a job, which he refuses preferring to major in

ing equipment.

n Glass
others could use.
MIAMI, Nov. 21: It was his talent that got Joe in boy, Joe Engressia could what denomination of coin had been flipped by the sound it made as it hit the floor. He could even tell in which year it has been minted by recog-The incredible schsitivity of 20-He did it by whistling a sequence of tones into the vestigated by University of South Florida psychology pro-

The FBI finally ruled that no federal statute had been vio-

nal Institute of Mental Health

ays Dr. Hawkins: "I'm trying to

Alsalion bitch birth-control pills, Mr. Mayor, and, of course it's all m accordance with your appeal. Eh? Oh ... anti-litter, y' know."

And I rather liked that other Kingston one, about the local stock backer twings to available. to a prospective investor just what a dividend was "Well," he said cautiously, "it's a certain percentum, per annum, er . . . perhaps "

penha who (on the 19th hole after his recent fine display in the 'Open') defined a golfer takes six, and puts down five." bumping there on what the authorities, with straight faces, refer to as roads) I suppose you heard the one about one of Mr. Lord's cane farmers,

broke."
Very well, then, shall we come
to the inevitable one about
Montego Bay? (They can take
it, down in 'the Republic'). A it, down in "the Bepublic"). A tourist, returning to his hotel late one night, was confronted by an armed man who pointed a gun at him and hissed:—"gimme unnu money, man, or I will shoot out unnu brains!" The tourist lowered his arms. "Shoot away," he replied, sadly. "I've found out you can stay in Montego Bay without brains. but, most certainly, not without money!"

The Perfect Gift for the man whohas everything.



For the thoughtful reader

Prayer performed with praise

By IRENE BEWICK supplication, and then for the divine answers to "IN EVERYTHING by prayer and supplication, with thanksgiving, let your

requests be made known unto God" (Philippians 4:6). In this verse we are both, by However, let us always rememprayer and supplication encouraged to make known our requests unto God. If any distinction be intended here, I suppose that by prayer is meant the general act of devotion, and the mention of our usual needs; and by supplication I think would be our distinct entreaties, and special petitions. We are to offer the general prayer common to all, and we are to add to them the special and definite petitions which are peculiar to ourselves. There is a great deal of generalizing in prayer, but it is good for us to have more of specific, definite pleading with God, asking for such and such things, with a clear knowledge of what we ask. See how Abraham, when he

went to worship the Lord, did not merely adore Him, and in general way pray for His glory, but on a special occasion he pleaded concerning the promised heir, at another time he cried, "O that Ish-

K*ALEIDOSCOPE* —

mael might live .before thee," and on one occasion he interceded for Sodom. Elijah, when So we have many wants, which on the top of Carmel, did not pray for all the blessings of providence in general, but for rain, for rain there, and then. He knew what he was driving

at, kept to his point, and pre vailed. are so pressing as to be very distinct and definite, and we ought to have just so many defined petitions, which offer unto God by way

supplication, and then look for the divine answers to these, ber that whether by prayer or supplication we approach the Lord it should be "with thanks giving." The constant tenor and spirit of our lives should be adoring gratitude. love geverence, and thanksgiving to the Most High. No matter though the prayer should struggle upward out of the depths, yet must its wings be silvered with thanksgiving. Though the prayer were of fered on the verge of death, yet in the last few words which the trembling lips utter there should be notes of grate (Continued on PAGE 23)

The birth of a volcano (1).



active volcano whose 'birthday' and date we know is the volcano Parcutin in Mexico, which was 'born' at 3.30 on the 20th, February, 1943. Fer a couple of weeks the people living in the area had heard underground ramblings, hissings and explosions of varying magnitude, so it was no wonder that they were very uneasy. They often kneeled on the ground when they were out in the fields and asked God, or the local Saint Santo Milagrose, to protect them from the 'monster under the ground'. Early in February there were slight local earthquakes, and pic tures of their Saint were carried round in procession by the people of the will be a supplied the will be a supplied the will be a supplied to the supplied t

