





SREDIŠKI KMETJE—SLOVENSKI ŠVICARJI

(Nadaljevanje s 2. strani)
stojne, napredne ljudi, ki pa so bili vedno sami zase in so na ostale gledali nekoliko zviška.

Ni čudo, da so se Središčanci dvignili kakor eden, ko so hoteli priključiti središko občino Ormožu.

—Ljudska Pravica

FIZIK PRVI FOTOGRAFIRAL ATOME

Po vsem mnogem pisanju in govornjenju o atomih, elektronih in drugih malih zidakih, ki je iz njih sestavljen svet, je v preteklosti marsikdo zmajeval z glavo: Le kdo mi jamči, da je vse to res!

Jasno je bilo, da z običajnim svetlobnim mikroskopom niti misliti ni, da bi videli atome, saj ne vidimo niti milijonkrat večjih delcev.

Nemški, sedaj v Ameriki živeči fizik E. W. Muller pa je pred kratkim objavil prve slike, ki ne-

dvomno prikazujejo posamezne atome. Preden je Muller lahko razločil posamezne atome, si je zgradil poseben mikroskop, ki je prav malo podoben modernim elektronskim in seveda prav nič navadnim svetlobnim mikroskopom, kakršne uporabljajo v naših laboratorijih in inštitutih.

Bralec, ki ve, kako zapleteni so že običajni svetlobni mikroskopi, ki uporabljajo steklene leče, da ne govorimo o elektronskih mikroskopih, ki delajo z elektroni namesto z vidno svetlobo, je ob pogledu na preprosto stekleno napravo prav pre-

senečen. Še bolj pa bo, če povejmo, da je novi mikroskop preprostejši od vseh drugih. V bistvu sestoji namreč le iz zelo ostre konice in nasproti njej ležeče fotografske plošče. Med konico in ploščo je visoka napetost nekaj deset tisoč voltov, ki vleče pozitivno električne atome — takim atomom, ki so izgubili po en elektron in postali tako pozitivno električni, pravimo ioni — k fotografski plošči. Ko prilete na ploščo, napravijo na njej sliko površine ostre konice. Ta slika je povečana več deset milijonkrat. Pod ugodnimi pogoji je mogoče razločiti na fotografski plošči res že posamezne atome! To je izredno pomemben dokaz za sposobnost mikroskopov te vrste, razen tega pa je človek prvič zagledal atome, v katere je doslej le nekako verjel. Za izumitelja novega mikroskopa, ki se je moral ob izpo-

polnjevanju svojega aparata nešteto krat boriti z nevoščljivimi in skeptičnimi učenjaki, pa je ta uspeh tudi dokaz, da danes v resnici človeštvo ne vidi več meja svojemu napredku.

Omenimo naj še, da bo za sedaj uporabnost novega mikroskopa zelo omejena. Z njim je namreč mogoče raziskovati samo površino že omenjene ostre konice in nekaterih redkih snovi, s katerimi moremo premazati to konico. Za medicinske, biološke in mnoge druge raziskave za sedaj ne bo prikladen.

RAZDALJE SE KRČIJO

Pretekli mesec so trije ameriške bombniki tipa B-52B završili nepretrgan polet okoli naše zemlje v 45 urah in 19 minutah.

Prejšnji najhitrejši polet ameriškega vojaškega letala okoli sveta je trajal 95 ur dejanskega poleta; trajal pa je delj časa, ker se moralo letalo na določeni točkah pristati, da se je zalozilo z gorivom.

Leta 1872 je pisatelj Jules Verne napisal zanimivo novelo "V 80 dneh okoli sveta." Njegov junak Phineas Fogg, ki je v domišljiji pisatelja dosegel ta rekord, se je posluževal železnic, ladij, slonov in drugih takratnih prometnih sredstev, da je v 80 dneh obkrožil svet.

—NEW ERA, glasilo ABZ

STANOVANJE

za eno žensko ali priletno dvojico se odda v najem, 4 neopremljene sobe, grelec na plin.

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Dr. J. V. Zupnik ZOBOZDRAVNIK 6313 ST. CLAIR AVE. (vhod na E. 62. St.) nad North American banko EN 1-5013

Se priporočamo za popravili ali staviti novo streho ali žlebove. Vršimo vsa kleparsko stroko spadajoča dela. Naše delo je poznano in zanesljivo. FRANK KURE Lahko pišete na ta naslov: R. F. D. 1, NEWBURY, OHIO

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V PRETEKLOSTI smo prišli v dotiko z mnogimi lastniki domov, ki so želeli imeti nov ali boljši dom, ampak ker so imeli težkoče prodati svoj dom ob istem času ko so hoteli kupiti, jim je bilo to nemogoče. Da takim ljudem pomagamo, sedaj nudimo naš posebni načrt, potom katerega ne bodo imeli skrbi za prodajo svojega doma in se bodo lahko čimpreje vselili v dom svoje izbire. Na izbero imamo več novih in starejših hiš. Zglasite se v našem uradu in se pogovorite z nami v vašo korist.

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PUNCH PRESS OPERATORS Must be experienced. Hourly rate. Steady work. Overtime plus bonus plan. ZATKO METAL PRODUCTS CO. 20850 St. Clair Ave.

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