

Household sanitation is becoming more and more generally stressed and the latest common articles to fall under the ban are the messy dust cloth and polishing rag. A Michigan chemist has perfected a new paper that is impregnated with chemicals, including cedar polish. It comes in 100-sheet rolls, to be torn off as needed, then discarded when the day's dusting and polishing has been finished. Thus at small cost the particular housewife can always have a nice clean dust "rag."

If you know of some novel idea, actual or being worked, help spread the news by sending full details to Ed Bishop, care of this newspaper. Further information on any idea published here will be given to anyone, including a self-addressed stamped envelope.

(Los Angeles Times Syndicate)

9: John Brown. 9:15: Dr. Wood. 9:45: KNXR—News. 9: Thoughts & Songs. 9:30: KNX—Sharples's Gains. prayer. 6:45: news. 9:45: KRKD—News. 9:05: Health Talk. 9:15: KTM—Dr. Frank McCoy. "Fast Way to Health." 9.

10 a.m. to 12 Noon

KECA—News. 10:30: Spanish lesson. 11: Words and Music (C.) 11:45. KELW—Col. Culver. 10:45: Buckaroos. 11. KFAC—News. 10:40: Daphne Darwin. 10:45. KFI—Women's Magazine (C.) 10: Concert Ensemble (C.) 11: Smack Out. 11:30. KFOX—Continental. 10:15: news. 11:30. KFWS—News. 10: Five Grocers. 10:30. Cook School. 11: Lost and Found. 11:25. "Lady of the House." 11:30. KGER—Hawaiians. 10:05: Long Beach schools. 10:45: Louise Howatt. 11:30. KGFJ—Prof. Russell. piano. 10:30. KHJ—Little French Princess (C.) 10:4. Cooking School. 10:15: Easy Aces (C.) 10:30: Plain Old Bill. 11: Remnant of Helen Trent (C.) 11:15: Syracuse School Christmas Festival (C.) 11:30. KMPC—Cow Town Boys. 10:30: Dr. Talbot (talk.) 11. KMTR—Prosperity Pilot (Pass.) 10: Pasadena Morning Musicale. 10:15: soft ceremonies. 10:30: Magic Mirror. 11:30. KNX—Eddie Albricht's Family. 10: Economics. 10:30.

12 Noon to 2 p.m.

KECA—Pioneers (C.) 12: Wellman & Co. 12:15: Woman's Club program. 1. KELW—Troubadours. 12: Essie Loey. 12:30. KFAC—News. 12: Bob Holman's Orch. 12:30. KFI—Dept. of Agriculture. 12: Farm Hour (C.) 12:15: Betty and Bob (C.) 1: news. 1:45: "Ma Perkins" (C.) 1:30: Betty Marlowe (C.) 1:45. KFOX—Fashion Review. 12: Norah McCabe. songs. 12:10: Rendezvous Orch. 1. KFWS—News. 12: Mayor Shaw. 12:15: Ted Dahl's Orch. 12:45. KGER—News. 12: Texas Outlaws. 12:05: Daddy Ranso. 1: piano. 1:30. KGFJ—Passer-by. 1:45. KHJ—Metropolitan Parade (C.) 12:05: beauty program. 12:15: Student Federation (C.) 12:30: Curtis Institute of Music (C.) 12:45: To be announced. 1:30: Artist Recital (C.) 1:45. KMPC—Happy Chappies. 12: Leo Davis's Orch. 12:30: Rendezvous Orch. 1: Joe Marenko's Orch. 1:30. KMTR—Klown Carnival. 12: German-American. 1: elvie hour. 1:30. KNX—News. 12: Jay Gould. baritone. 12:20: Jare Rubanoff's concert. 12:30: Pietro Pontrelli's Orch. 1. KRKD—Pianoland. 12: City Hall broadcast. 12:15: Jimmy's Saddle Pals. 12:30: news. 1:45.

2 to 4 p.m.

KECA—Dr. Meyers. 3: Xavier Cugat's Orch. (C.) 3:15: John B. Kennedy. 3:30: University of California (C.) 3:45. KFAC—Eunice Chesney. piano. 2: Sunshine Reporter. 3: news. 3:40. KFI—Al Pearce's Gang (C.) 2: Pictorial (C.) 3: Character Sketches. 3:45. KFOX—Variety School program. 2: Hot Cha Trio. 2:45: Tex Time Tunes. 3: Salon Music. 3:30. KFWS—Bert Fiske. 2:15: Fiction. 2:30: Alice Prindle. contralto. 3. KGER—Musicale. 2: Long Beach Band. 2:30. KGFJ—Spanish Club. 2. KHJ—Happy-Go-Lucky. 2: Feminine Fancies. 3: Sweet Music. 3:30: Memory Lane. 3:45. KMPC—American Legion. 2: Jonathan Perkins. 2:15: Salon Group. 3:30. KMTR—Rufus Gooden. 2: Jimmy Valentine. 2:15: Modern Mood. 2:30: C. Sharpe Minor. 3. KNX—Bookworm. 2: Dr. Copeland. 2:30: Concert Ensemble. 3: Louise Johnson. 3:30. KTM—Rev. Mauriee Johnson. 2: Spanish program. 2:30.

4 to 6 p.m.

KECA—Twenty Harmony Flingers (C.) 4: Dance Masters (C.) 4:15: Mary's Friendly Garden (C.) 4:30: Golden Sword. 5: news. 5:30: Dr. Ernest Caldecott. 5:45. KFAC—Auto Club. 4:15: Braille Institute. 4:45: Christian Science. 5: Whoa Bill Club. 5:30. KFI—Oran recital. 4: Poet's Corner. 4:30: news. 4:45: Sunshine Hour (C.) 5. KFOX—News. 4: Playtime Lady. 5: Cow Town Boys. 5:45. KFWS—Santa Claus. 4:30: Robert Sherwood. 4:45: Playtime Lady. 5: Fiske & Lowe. 5:15: Cecil & Sally. 5:30: Nip & Tuck and soloist. 5:45. KGER—Bebe Orr. 4:30: Clarence & Doris. 5: Brooks & Clark. 5:15: orchestra. 5:30. KGFJ—Prof. Russell. 5:15. KHJ—Texas Rangers (C.) 4:15: Trojan period. 4:30: Between the Book Ends (C.) 4:45: Children's Radio Theater (C.) 5. H Bar O Rangers (C.) 5:15: Charlie Lamm. 5:30: Emelie Osta. 5:45. KMPC—News. 4:30. KMTR—News. 4: Pasadena Varieties. 4:15: Studio Rambler. 4:30: Lucky Stars. 5. KNX—Story Town Express. 5: Noble Blatters. trio. 5:15: Bouquet of Memories. 5:30.

6 to 7 p.m.

KECA—Adventures of Eliekety-Elack. 6:15: Twilight Reveries. 6:30. KELW—Daddy Ranso. 6: Mme. Reinhart. 6:15. KFAC—News. 6: golf. 6:15: Ray Bailey. 6:30: In-Laws. 6:45. KFI—Dr. Henry's Showboat (C.) 6. KFOX—Continental. 6: Ted Dahl's Orch. 6:15: School Kids. 6:30: Rolly Wray. 6:45. KFWS—News. 6: Ted Dahl's Orch. 6:15 orch. 6:30: Chandu. 6:45. KGER—News. 6: Town Tattler. 6:05: Popular Trio. 6:30. KGFJ—Hawaiians. 6: soorts. 6:30. KHJ—Philadelphia Orch. (C.) 6: Alexander Woollcott (C.) 6:15: Andre Kostelanetz (C.) 6:30. KMTR—News. 6: Santa's music. 6:15: C. Sharpe Minor. 6:45. KNX—News. 6: Jare Rubanoff's Ensemble. 6:15: King Cowboy. 6:30: Chandu. 6:45. KRKD—Harry Geise. 6: The Green Joker. 6:15.

7 to 9 p.m.

KECA—Robert Hurd with orchestra. 7: Burles. 7:30: string orchestra. 7:45. KELW—Rodolfo Hoyos. 7: Hidalgo Theater. 7:30. KFAC—Lampdit Hour. 7: Conso Bartlett. 7:15: Charlotte Woodruff & Orch. 7:30. KFI—Paul Whiteman (C.) 7. KFOX—Si & Elmer. 7: Bobby & Betty. 7:15: Roy Detective. 7:30: Lusia. 7:45. KFSG—Angelus Temple. 7:30. KFWS—Concert. 7: Lone Indian. 7:30: Spring Concert. 7:45. KGER—Rev. Nicholson. 7: violin. 7:15: Dr. Lubling. 7:30. KGFJ—Hawaiians. 7. KHJ—Glen Gray's Casa Loma Orch. (C.) 7: Islanders and Clarklin Dennis. 7:30: Myrt & Marge (C.) 7:45. KMTR—Rough Riders. 7: Mr. Bull and Eight Ball. 7:30: Curt Houek's Orch. 7:45. KNX—Frank Watanabe and Hon. Archie. 7: Jare Rubanoff's concert. 7:15: Elvia Allman. 7:30: Lawrence King. 7:45. KRKD—News. 7.

8 to 9 p.m.

KECA—Eb & Zeb. 8:15: Nick Harris. 8:30. KFAC—G. Allison Phelps. 8: Forge of Freedom. 8:30. KFI—Amos 'n' Andy (C.) 8: Standard Symphony (C.) 8:15. KFOX—Poetry. 8: Continental. 8:15: Poly High dramatic class. 8:30: Christian Science. 8:45. KFWS—Lou Raymond. Jimmy Tolson. Nip and Tuck. 8: LaF Clinic. 8:15. KGER—Rev. Fuller. 8. KHJ—Harlem Serenade (C.) 8: Pasadena American broadcast. 8:15: Edwin C. Hill (C.) 8:30: All-Star Revue. 8:45. KMTR—Imperial Jubilee. 8. KNX—Frost warnings. 8: Singing Guards. 8:05: Jay Penn. baritone. 8:45. KTM—Judge Rutherford (E.T.) 8: songs. 8:30.

9 to 10 p.m.

KECA—California tuberculosis program. 9: Etta Moten & Co. (C.) 9:15: Dancing in the Twin Cities (C.) 9:30. KFAC—Bob Holman's Orch. 9: Joey Ray's Orch. 9:30. KFI—Dave Marshall & Orch. 9:15: Crime Clues (E.T.) 9:30. KFOX—Jack Mauriee. 9: news. 9:15: Jay Whidden's Orch. 9:30. KFWS—"City Beat." 9:15: Jay Whidden's Orch. 9:30. KGFJ—Ad Wiedoeft's Orch. 9: Hawaiians. 9:30. KHJ—Blue Monday Jamboree (C.) 9:15. KMPC—Fireside Hour. 9:30. KMTR—Montville Flowers. 9: Beverly Hill Billies. 9:15. KNX—News. 9: Charlotte Woodruff and Orch. 9:30. KTM—Oliver Williams. tenor. 9:30: orchestra. 9:45.

10 p.m. to Midnight

KECA—Anson Weeks's Orch. 10:30. KFAC—Old Chestnuts. 10: Les Hite's Orch. 10:30: Ray's Orch. 11: Hite's Orch. 11:30. KFI—News. 10: Anson Weeks's Orch. 10:15: Ted Pio-Rito's Orch. 10:30: Tom Gerun's Orch. (C.) 11:30. KFOX—Dream Castle. 10: Rendezvous Orch. 10:30: Mauriee's Orch. 11: George Redman's Orch. 11:30. KFSG—Branch Church. 11. KFWS—News. 10: Kay Kvar's Orch. 10:10: George Redman's Orch. 10:35: Paul Kain's Orch. 11: Redman's Orch. 11:30. KGER—News. 10: Perk Williamson's Orchestra. 11. KGFJ—Blair Elwin's Orch. 10: Jerry Phillips's Orch. 10:30: Wiedoeft's Orch. 11: Elwin's Orch. 11:30: Night Owl. 1 to 5 a.m. KHJ—Times world-wide news. 10: Gordon Henderson's Orch. 10:10: Bill Fleck's Orch. 10:35: Gus Arnhem. 11: Bill Fleck's Orch. 11:30: Gordon Henderson's Orch. 12. KMPC—Dream Castles. 10: play. 10:30: Marenko's Orch. 11: Leo Davis's Orch. 11:30. KMTR—News. 10:15: Curt Houek's Orch. 11: Leon Herford's Orch. 11:30. KNX—Pietro Pontrelli's Orch. 10. KTM—Charles Lerley. 10: Doctry. 10:30.

errors caused by last-minute changes in radio schedules.)
ALPHABETICALLY ARRANGED
(C)—Denotes chain.

6 to 8 a.m.
KECA—Gospel Singer (C.) 7: organ (C.) 7:15: exercises (C.) 7:45.
KFAC—Studio Program. 7
KFI—Jack Dalton's Boys. 7: Church quarter-hour. 7:45.
KFOX—El Desperador. 6:30: news. 7:45.
KFWS—Angelus Temple. 6:30.
KFWB—News. 7:45.
KGER—Bugle Boys. 6: Tadpole & Skippy. 7: news. 7:45.
KGFJ—Records. 6: Morning Moods. 7.
KHJ—Larm Klok Club. 6: Covered Wagon Jubilee. 7:30.
KMPC—Bible Fellowship. 6:45.
KMTR—Don Julio. 6: Covered Wagon Jubilee. 7.
KNX—Bill Sharples and Breakfast Club. 6:45.
KTM—Spanish concert. 6.
8 to 10 a.m.
KECA—U. S. Navy Band (C.) 8:30.
KFAC—Country Church. 8.
KFI—Del Monte Happy Time (C.) 8: Musical Contrasts. 8:30: Julia Hayes. 8:45: Elmore Vincent (C.) 9: Ward & Muzzy (C.) 9:15: Martha Meade Society (C.) 9:30: Melissa's Chat (C.) 9:45.
KFWB—Texas Outlaws. 8.
KGER—Family Circle. 8: This and That. 8:15: Rev. Thomas. 8:30: Rough Riders. 9: Fads & Fancies. 9:30.
KGFJ—Inspirational hour. 8:15.
KHJ—Sunny Side Up (C.) 8:15: Academy of Medicine (C.) 8:15: Valley of Experience (C.) 9: Blue Ridge Colonel. 9:15: Kitchen Science. 9:30: George Scherban's Orch. (C.) 9:15.
KMPC—Blue Ridge Colonel. 9:15: news.

The DIAL

(Programs listed below are compiled from daily reports provided by radio stations.)